Pest Management Regulatory Agency
Agence de réglementation de la lutte antiparasitaire

Regulatory Note **REG2004-01**

PMRA List of Formulants

This document contains the list of formulants that are found in pest control products currently registered in Canada under the *Pest Control Products Act* and Regulations.

This document replaces Appendices I, II and III of Regulatory Proposal PRO2000-04, *Formulants Policy*, published for public comment in May 2000 and issued as Regulatory Directive DIR2004-01, *Formulants Program*.

The list of formulants is also available electronically on the PMRA Web site and this list will be updated regularly.

NOTE: The new *Pest Control Products Act* (PCPA) was given Royal Assent on December 12, 2002. Paragraph 43(5)(*b*) of the new PCPA indicates that a list of formulants and contaminants that are considered to be of health or environmental concern will be established. This list will contain all of the formulants on lists 1 and 2 of this Regulatory Note, as well as the formulants that are allergens known to cause anaphylactic-type reactions, as indicated in section 4.14 of Regulatory Directive DIR2004-01, *Formulants Program*, and contaminants of concern found in pesticide active ingredients. The list will be published in the *Canada Gazette* and posted on the PMRA Web site. Once the new Act is in force, the identity and concentration in a product of any formulant or contaminant on the list, will not be confidential and will be available to the public on request.

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1.0 Introduction

As part of its policy on the regulation of formulants, the Pest Management Regulatory Agency (PMRA) has categorized formulants found in pest control products registered in Canada based on the level of concern with respect to human health and the environment. The resulting five lists are similar in structure to the United States Environmental Protection Agency (USEPA) Lists of Inert Ingredients; they were developed using the same criteria as the USEPA, with some additional Canadian-specific criteria resulting from legislative/policy requirements. These lists will provide a guidance tool for industry in the selection of formulants and will be updated regularly. Revisions to the lists may result from the following:

1. New formulants are added to the lists.
2. Formulants are deleted from the lists when they are no longer found in registered pest control products.
3. A formulant may be reclassified to another list as a result of new information on the formulant or as a result of formulant reassessment.

The following is a brief description of the five Canadian lists which are ranked in descending order of concern:

List 1: List 1 contains formulants identified as being of significant concern with respect to their potential adverse effects on health and the environment, meeting defined criteria for carcinogenicity, neurotoxicity, chronic effects, adverse reproductive effects, ecological effects, Track 1 substances as defined under the Toxic Substances Management Policy (TSMP) and substances designated under the Montreal Protocol.

List 2: List 2 contains formulants that are considered potentially toxic, based on either structural similarity to List 1 formulants or data suggestive of toxicity.

List 3: List 3 contains formulants that do not meet the criteria of any of the other lists.

List 4A: List 4A contains formulants that appear on the USEPA Minimum Risk Inerts List, which are generally regarded to be of minimal toxicological concern, as well as substances commonly consumed as foods.

List 4B: List 4B includes formulants, some of which may be toxic, but for which there are sufficient data to reasonably conclude that the specific use pattern of the pest control product (as on specific use pattern listed in the U.S. Code of Federal Regulations, 40 CFR Protection of Environment, Subpart D 180.000(c)(d)(e)) will not adversely affect public health and the environment.

For more information on the lists (e.g., criteria for being assigned to a particular list) and guidance in the selection of formulants (including applicable regulatory action), please refer to the Regulatory Directive DIR2004-01, *Formulants Program*, or the latest version.

Applicants/registrants should also refer to the USEPA Lists of Inert Ingredients (available online at: www.epa.gov/opprd001/inerts/lists.html) for additional formulants that may be acceptable (i.e., List 3, 4A, 4B), with some exceptions, for use in pest control product formulations without the requirement for additional data/information on the formulants alone.

1.1 Definitions

Formulant: any substance or group of substances other than the active ingredient that is intentionally added to a pest control product to improve its physical characteristics (e.g., sprayability, solubility, spreadability or stability).

Formulant mixture: a formulant composed of more than one substance.

Inert (other) ingredient: USEPA terminology equivalent to the term "formulant".

Pest control product: any product, device, organism, substance or thing that is manufactured, represented, sold or used as a means for directly or indirectly controlling, preventing, destroying, mitigating, attracting or repelling any pest and includes:

1. any compound or substance that enhances or modifies or is intended to enhance or modify the physical or chemical characteristics of a control product to which it is added, and

2. any active ingredient used for the manufacture of a control product.

2.0 PMRA List of Formulants

Refer to Appendix I for the five lists of formulants as well as a consolidated version that merges the five lists into one consolidated list. These lists include the formulant names, their associated Chemical Abstracts Service (CAS) numbers and their corresponding list numbers. The lists contain only formulants found in currently registered Canadian pest control products. The lists are ordered numerically according to CAS number, and where no CAS number exists, that portion of the list is ordered alphabetically according to formulant name. The same naming convention for formulants (inert/other ingredients) used by the USEPA for their Lists of Inert Ingredients has been used for the PMRA Lists of Formulants. The PMRA List of Formulants is also available electronically on the PMRA Web site: www.pmra-arla.gc.ca.

Current List 1 formulants are to be phased out of all control products by December 31, 2004. Only products for which registrants have already provided safety data to support the continued use of a List 1 formulant or made an application to replace the List 1 formulant were allowed to be sold after December 31, 2002. Label disclosure of List 1 formulants has been required on product labels since December 31, 2001.

Appendix I PMRA Consolidated List of Formulants Sorted by CAS Number

CAS No.	Formulant Names	List No.
000050-70-4	Sorbitol	4A
000050-81-7	L-Ascorbic acid	4A
000050-99-7	Dextrose	4A
000052-51-7	Bronopol	3
000054-21-7	Sodium salicyate	3
000056-81-5	Glycerin	4A
000057-10-3	Hexadecanoic acid	4A
000057-11-4	Stearic acid	4A
000057-13-6	Urea	4A
000057-50-1	Sugar	4A
000057-55-6	Propylene glycol	4B
000058-95-7	Vitamin E acetate	3
000060-00-4	Ethylenediaminetetraacetic acid	3
000060-29-7	Ethane, 1,1'-oxybis-	3
000061-73-4	C.I. Basic Blue 9	3
000063-42-3	D-(+)-Lactose	4A
000064-02-8	Ethylenediaminetetraacetic acid, tetrasodium salt	3
000064-17-5	Ethanol	4B
000064-19-7	Acetic acid	4B
000065-85-0	Benzoic acid	4B
000066-71-7	1,10-Phenanthroline	3
000067-48-1	Choline chloride	4B
000067-56-1	Methyl alcohol	3
000067-63-0	Isopropyl alcohol	4B
000067-64-1	Acetone	3
000067-68-5	Dimethyl sulfoxide	3
000068-04-2	Sodium citrate	4A
000068-12-2	Dimethyl formamide	1
000071-23-8	n-Propanol	4B
000071-36-3	1-Butanol	4B
000074-87-3	Methyl chloride	3
000074-89-5	Methylamine	3
000074-98-6	Propane	3
000075-07-0	Acetaldehyde	3
000075-09-2	Methylene chloride	1
000075-28-5	Isobutane	3

Appendix I PMRA Consolidated List of Formulants Sorted by CAS Number

CAS No.	Formulant Names	List No.
000050-70-4	Sorbitol	4A
000050-81-7	L-Ascorbic acid	4A
000050-99-7	Dextrose	4A
000052-51-7	Bronopol	[illegible]
000054-21-7	Sodium salicylate	[illegible]
000056-81-5	Glycerin	4A
000057-10-3	Hexadecanoic acid	4A
000057-11-4	Stearic acid	4A
000057-13-6	Urea	4A
000057-50-1	Sugar	4A
000057-55-6	Propylene glycol	4B
000058-95-7	Vitamin E acetate	[illegible]
000060-00-4	Ethylenediaminetetraacetic acid	[illegible]
000060-29-7	Ethane, 1,1'-oxybis-	[illegible]
000061-73-4	C.I. Basic Blue 3	[illegible]
000063-42-3	D-(+)-Lactose	4A
000064-02-8	Ethylenediaminetetraacetic acid, tetrasodium salt	[illegible]
000064-17-5	Ethanol	4B
000064-19-7	Acetic acid	4B
000065-85-0	Benzoic acid	4B
000066-71-7	1,10-Phenanthroline	[illegible]
000067-48-1	Choline chloride	4B
000067-56-1	Methyl alcohol	[illegible]
000067-63-0	Isopropyl alcohol	4B
000067-64-1	Acetone	[illegible]
000067-68-5	Dimethyl sulfoxide	[illegible]
000068-04-2	Sodium citrate	4A
000068-12-2	Dimethyl formamide	[illegible]
000071-23-8	n-Propanol	4B
000071-36-3	1-Butanol	4B
000074-87-3	Methyl chloride	[illegible]
000074-89-5	Methylamine	[illegible]
000074-98-6	Propane	[illegible]
000075-07-0	Acetaldehyde	[illegible]
000075-09-2	Methylene chloride	1
000075-28-5	Isobutane	[illegible]

CAS No.	Formulant Names	List No.
000075-31-0	Isopropylamine	3
000075-37-6	1,1-Difluoroethane	2
000075-45-6	Monochlorodifluoromethane	2
000075-52-5	Nitromethane	2
000075-65-0	tert-Butanol	3
000076-06-2	Trichloronitromethane	3
000076-22-2	Camphor	3
000076-59-5	Bromthymol blue	3
000077-71-4	5,5-Dimethylhydantoin	3
000077-90-7	Acetyl tributyl citrate	4B
000077-92-9	Citric acid	4A
000077-93-0	Triethy citrate	3
000078-59-1	Isophorone	1
000078-66-0	3,6-Dimethyl-4-octyne-3,6-diol	3
000078-83-1	Isobutyl alcohol	3
000078-92-2	sec-Butanol	3
000078-93-3	Methyl ethyl ketone	3
000079-09-4	Propionic acid	4B
000079-20-9	Acetic acid, methyl ester	3
000080-26-2	alpha-Terpineol acetate	3
000080-62-6	Methyl methacrylate	2
000081-07-2	Saccharin	3
000081-11-8	4,4'-Diamino-2,2'-stilbenedisulfonic acid	3
000081-48-1	C.I. Solvent Violet 13	3
000081-88-9	Rhodamine B	1
000082-38-2	1-(Methylamino)-9,10-anthracenedione	3
000084-66-2	Diethyl phthalate	2
000085-40-5	Tetrahydrophthalimide	3
000085-68-7	Butyl benzyl phthalate	2
000085-83-6	2-Naphthol, 1-((4-(o-tolylazo)-o-tolyl)azo)-	3
000085-86-9	C.I. Solvent Red 23	3
000086-73-7	Fluorene	2
000087-69-4	Tartaric acid	3
000088-24-4	2,2'-Methylenebis(4-ethyl-6-tert-butylphenol)	3
000088-97-1	Benzoic acid, 2-(aminocarbonyl)	3
000089-83-8	Thymol	3
000090-80-2	delta-Gluconolactone	3
000091-20-3	Naphthalene	3
000092-52-4	Biphenyl	3

CAS No.	Formulant Names	List No.
000093-83-4	Oleic acid diethanolamide	3
000094-13-3	Propyl p-hydroxybenzoate	4B
000094-26-8	Butyl p-hydroxybenzoate	3
000095-14-7	1,2,3-Benzotriazole	2
000095-63-6	1,2,4-Trimethylbenzene	3
000096-29-7	Methyl ethyl ketoxime	2
000096-48-0	gamma-Butyrolactone	4B
000097-86-9	Methacrylic acid, isobutyl ester	3
000097-88-1	Butyl methacrylate	2
000097-99-4	Tetrahydrofurfuryl alcohol	3
000098-55-5	alpha-Terpineol	3
000098-82-8	Cumene	3
000098-86-2	Acetophenone	4B
000098-92-0	Nicotinomide	3
000099-76-3	Methyl p-hydroxybenzoate	4B
000100-41-4	Ethylbenzene	2
000100-44-7	alpha-Chlorotoluene	2
000100-51-6	Benzyl alcohol	3
000100-52-7	Benzaldehyde	3
000100-97-0	Hexamethylenetetramine	3
000101-02-0	Phosphorous acid, triphenyl ester	3
000101-67-7	Benzenamine, 4-octyl-N-(4-octylphenyl)-	3
000101-68-8	1,1'-Methylenebis(4-isocyanatobenzene)	3
000102-06-7	1,3-Diphenylguanidine	2
000102-71-6	Triethanolamine	2
000102-76-1	Glyceryl triacetate	4B
000103-23-1	Adipic acid, bis(2-ethylhexyl) ester	1
000103-24-2	Bis(2-ethylhexyl) azelate	3
000104-15-4	p-Toluenesulfonic acid	3
000104-46-1	p-Anethole	3
000104-55-2	Cinnamaldehyde	3
000104-76-7	2-Ethyl-1-hexanol	3
000105-45-3	Acetoacetic acid, methyl ester	3
000105-54-4	Butyric acid, ethyl ester	3
000105-55-5	N,N'-Diethylthiourea	3
000105-99-7	Adipic acid, dibutyl ester	2
000106-24-1	2,6-Octadien-1-ol, 3,7-dimethyl-, (E)-	3
000106-63-8	Acrylic acid, isobutyl ester	3
000106-70-7	Hexanoic acid, methyl ester	3

CAS No.	Formulant Names	List No.
000106-84-3	Drapex 3.2	3
000106-88-7	1,2-Butylene oxide	2
000106-97-8	n-Butane	3
000107-05-1	Propene, 3-chloro-	2
000107-15-3	Ethylenediamine	3
000107-21-1	1,2-Ethanediol	2
000107-22-2	Glyoxal	3
000107-39-1	2,4,4-Trimethyl-1-pentene	3
000107-40-4	2,2,4-Trimethyl-3-pentene	3
000107-41-5	Hexylene glycol	3
000107-64-2	Dimethyl dioctadecyl ammonium chloride	3
000107-89-1	3-Hydroxybutyraldehyde	3
000107-98-2	2-Methoxy-1-methylethanol	2
000108-01-0	Ethanol, 2-dimethylamino-	3
000108-05-4	Acetic acid, vinyl ester	3
000108-10-1	Methyl isobutyl ketone	2
000108-21-4	Isopropyl actetate	3
000108-24-7	Acetic anhydride	4B
000108-32-7	Propylene glycol cyclic carbonate	3
000108-63-4	Hexanedioic acid, bis(1-methylheptyl) ester	3
000108-65-6	1-Methoxy-2-propyl acetate	3
000108-67-8	Mesitylene	3
000108-83-8	Diisobutyl ketone	3
000108-88-3	Toluene	2
000108-91-8	Cyclohexylamine	3
000108-94-1	Cyclohexanone	2
000109-52-4	n-Valeric acid	3
000109-99-9	Tetrahydrofuran	3
000110-12-3	5-Methyl-2-hexanone	3
000110-16-7	Maleic acid	3
000110-17-8	Fumaric acid	4A
000110-27-0	Isopropyl myristate	3
000110-30-5	Octadecanamide, N,N'-1,2-ethanediylbis-	3
000110-42-9	Decanoic acid, methyl ester	3
000110-43-0	Methyl n-amyl ketone	3
000110-44-1	Sorbic acid	4B
000110-63-4	1,4-Butanediol	3
000110-82-7	Cyclohexane	2
000110-91-8	Morpholine	3

CAS No.	Formulant Names	List No.
000111-01-3	Squalane	3
000111-11-5	Octanoic acid, methyl ester	3
000111-20-6	Decanedioic acid	4B
000111-27-3	1-Hexanol	4B
000111-30-8	Glutaraldehyde	3
000111-40-0	Diethylenetriamine	3
000111-42-2	Diethanolamine	2
000111-46-6	Diethylene glycol	3
000111-60-4	Ethylene glycol monostearate	3
000111-66-0	1-Caprylene	3
000111-76-2	Butyl cellosolve	2
000111-77-3	Diethylene glycol monomethyl ether	2
000111-82-0	Dodecanoic acid, methyl ester	3
000111-87-5	1-Octanol	3
000111-90-0	Diethylene glycol monoethyl ether	2
000111-96-6	Ether, bis(2-methoxyethyl)	3
000112-02-7	N,N,N-Trimethyl-1-hexadecanaminium chloride	3
000112-05-0	Nonanoic acid	3
000112-18-5	N,N-Dimethyldodecylamine	3
000112-24-3	Triethylenetetramine	3
000112-25-4	Ethanol, 2-(hexyloxy)	3
000112-27-6	Triethylene glycol	3
000112-30-1	1-Decanol	4B
000112-34-5	Diethylene glycol monobutyl ether	2
000112-57-2	Tetraethylenepentamine	3
000112-62-9	Methyl oleate	4B
000112-68-6	Hexdecyl dimethylamine	3
000112-69-6	N,N-Dimethyl-1-hexadecanamine	3
000112-75-4	N,N-Dimethyl-1-tetradecanamine	3
000112-80-1	Oleic acid	4A
000112-88-9	1-Octadecene	3
000112-92-5	1-Octadecanol	3
000115-10-6	Dimethyl ether	4B
000115-40-2	4,4'-(3H-2,1-Benzoxathiol-3-ylidene)bis(2-bromo-6-methylphenol)	3
000115-86-6	Phosphoric acid, triphenyl ester	3
000117-84-0	Dioctyl phthalate	1
000118-56-9	Homomenthyl salicylate	3
000118-60-5	2-Ethylhexyl salicylate	3
000118-71-8	4H-Pyran-4-one, 3-hydroxy-2-methyl-	3

CAS No.	Formulant Names	List No.
000119-36-8	Methyl salicylate	3
000120-18-3	2-Naphthalenesulfonic acid	3
000120-40-1	N,N-Bis(2-Hydroxyethyl)dodecanamide	3
000120-47-8	Ethyl p-hydroxybenzoate	3
000120-57-0	Piperonaldehyde	3
000120-72-9	1H-Indole	4B
000121-00-6	2-tert-Butyl-4-methoxyphenol	3
000121-32-4	Ethyl vanillin	3
000121-33-5	Vanillin	3
000121-44-8	Triethylamine	3
000121-75-5	Succinic acid, mercapto-, diethyl ester, S-ester with O,O-dimethylphosphorodithioate	4B
000121-79-9	Gallic acid, propyl ester	3
000122-20-3	Triisopropanolamine	3
000122-62-3	Sebacic acid, bis(2-ethylhexyl)ester	3
000122-72-5	1-Propanol, 3-phenyl-, acetate	3
000122-99-6	Phenoxy ethanol	3
000123-26-2	N,N'-Ethylenebis(12-hydroxyactadecanamide)	3
000123-31-9	Hydroquinone	1
000123-42-2	Diacetone alcohol	3
000123-72-8	Butyraldehyde	2
000123-77-3	Azodicarboxamide	3
000123-86-4	Acetic acid, butyl ester	3
000123-92-2	3-Methyl-1-butanol, acetate	3
000123-94-4	Octadecanoic acid, 2,3-dihydroxypropyl ester	3
000123-99-9	Azelaic acid	3
000124-04-9	Adipic acid	3
000124-07-2	Octanoic acid	4B
000124-13-0	1-Octanal	3
000124-28-7	N,N-Dimethyloctadecylamine	3
000124-38-9	Carbon dioxide	3
000124-40-3	Dimethylamine	3
000124-68-5	2-Amino-2-methyl-1-propanol	3
000125-12-2	Isobornyl acetate	3
000126-14-7	Sucrose octaacetate	3
000126-73-8	Phosphoric acid, tributyl ester	3
000126-86-3	2,4,7,9-Tetramethyl-5-decyne-4,7-diol	3
000127-09-3	Sodium acetate	4A
000128-37-0	Butylated hydroxytoluene	3
000128-44-9	Saccharin sodium	3

CAS No.	Formulant Names	List No.
000129-17-9	C.I. Acid Blue 1, sodium salt	3
000130-22-3	2-Anthracenesulfonic acid, 9,10-dihydro-3,4-dihydroxy-9,10-dioxo-, monosodium salt	3
000131-11-3	Dimethyl phthalate	2
000131-57-7	2-Hydroxy-4-methoxy benzophenone	3
000134-09-8	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, 2-aminobenzoate	3
000134-31-6	8-Hydroxyquinoline sulfate	3
000136-51-6	Calcium 2-ethylhexanoate	3
000136-52-7	2-Ethylhexanoic acid cobalt salt	3
000136-53-8	Zinc 2-ethylhexoate	3
000137-16-6	Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	3
000137-20-2	N-Methyl-N-oleoyltaurine, sodium salt	3
000138-86-3	alpha-Limonene	3
000139-13-9	Aminotriethanoic acid	3
000139-33-3	Disodium ethylenediaminetetraacetate	3
000139-89-9	Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate	3
000139-96-8	Triethanolamine lauryl sulfate	3
000140-01-2	Pentasodium diethylenetriaminepentaacetate	3
000140-11-4	Benzyl actetate	3
000140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol	3
000141-04-8	Diisobutyl adipate	3
000141-32-2	Butyl acrylate	3
000141-43-5	Ethanolamine	3
000141-78-6	Ethyl acetate	4B
000141-92-4	Octanal, 7-hydroxy-3,7-dimethyl-, dimethyl acetal	3
000142-47-2	Glutamic acid, sodium salt	3
000142-77-8	9-Octadecenoic acid, butyl ester (Z)-	3
000142-78-9	N-(2-Hydroxyethyl)dodecanamide	3
000142-82-5	Heptane	3
000142-91-6	Isopropyl palmitate	3
000143-08-8	1-Nonanol	3
000143-19-1	Sodium oleate	4B
000143-28-2	Oleyl alcohol	4B
000144-55-8	Sodium bicarbonate	4A
000144-62-7	Oxalic acid	3
000147-14-8	Copper phthalocyanine blue	4B
000149-11-1	Hexanoic acid, 2-ethyl-, copper(2) salt	3
000149-30-4	2-Mercaptobenzothiazole	2
000149-57-5	2-Ethylhexanoic acid	3
000151-21-3	Dodecyl sulfate, sodium salt	3

CAS No.	Formulant Names	List No.
000300-92-5	Aluminum hydroxide distearate	3
000366-18-7	2,2'-Bipyridine	3
000461-58-5	Dicyanodiamide	3
000471-34-1	Calcium carbonate (no asbestos and less than 1% crystalline silica)	4A
000482-89-3	(delta(sup 2,2')-Biindoline)-3,3'-dione	2
000496-46-8	Glycouril	3
000497-19-8	Sodium carbonate	4B
000518-47-8	C.I. Acid Yellow 73	3
000520-45-6	Dehydroacetic acid	3
000527-07-1	Gluconic acid, sodium salt	4B
000532-32-1	Sodium benzoate	4B
000533-74-4	Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione.	3
000533-96-0	Sodium sesquicarbonate	4B
000534-13-4	1,3-Dimethyl-2-thiourea	2
000540-10-3	Palmitic acid, hexadecyl ester	3
000540-97-6	Dodecamethylcyclohexasiloxane	3
000541-02-6	Decamethylcyclopentasiloxane	3
000546-93-0	Magnesium carbonate	4A
000554-13-2	Lithium carbonate	3
000556-67-2	Octamethylcyclotetrasiloxane	3
000557-04-0	Magnesium stearate	4A
000557-05-1	Zinc stearate	4A
000577-11-7	Sodium bis(2-ethylhexyl) sulfosuccinate	4B
000587-98-4	Benzenesulfonic acid, 3-((4-(phenylamino)phenyl)azo)-, monosodium salt	3
000593-29-3	Potassium stearate	4B
000593-81-7	Trimethylamine, hydrochloride	3
000624-54-4	Propanoic acid, pentyl ester	3
000627-83-8	Ethylene glycol distearate	3
000628-63-7	Amyl acetate	3
000629-11-8	1,6-Hexanediol	3
000629-70-9	1-Hexadecanol acetate	3
000633-03-4	Ammonium, (4-(p-(diethylamino)-alpha-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene) diethyl-,sulfate (1:1)	3
000633-96-5	C.I. Acid Orange 7, monosodium salt	3
000637-12-7	Aluminum stearate	4B
000637-39-8	Triethanolamine hydrochloride	3
000811-97-2	1,1,1,2-Tetrafluoroethane	4B
000822-06-0	1,6-Diisocyanatohexane	3
000822-16-2	Sodium stearate	4B

CAS No.	Formulant Names	List No.
000828-00-2	6-Acetoxy-2,4-dimethyl-m-dioxane	3
000842-07-9	2-Napthalenol, 1-(phenylazo)	3
000860-22-0	FD&C Blue No. 2	4B
000872-50-4	N-Methyl-2-pyrrolidinone	3
000915-67-3	C.I. Acid Red 27, trisodium salt	3
000929-06-6	2-(2-Aminoethoxy)ethanol	3
000989-38-8	C.I. Basic Red 1	3
001002-89-7	Ammonium stearate	4A
001066-33-7	Ammonium bicarbonate	4B
001077-56-1	N-Ethyl-2-methyl-benzenesulfonamide	3
001103-39-5	1-Naphthalenesulfonic acid, 2-((2-hydroxy-1-naphthalenyl)azo)-, calcium salt (2:1)	3
001111-78-0	Ammonium carbamate	3
001191-50-0	Tetradecyl sulfate, sodium salt	3
001300-72-7	Xylenesulfonic acid, sodium salt	3
001302-78-9	Bentonite	4A
001303-96-4	Borax	3
001305-62-0	Calcium hydroxide	4B
001305-78-8	Calcium oxide	4B
001308-14-1	Chromic acid	3
001308-38-9	Chrome oxide (Cr2O3)	3
001309-37-1	Iron oxide (Fe2O3)	4A
001309-42-8	Magnesium hydroxide	4B
001309-48-4	Magnesium oxide	4A
001310-58-3	Potasium hydroxide	4B
001310-65-2	Lithium hydroxide	3
001310-66-3	Lithium hydrate	3
001310-73-2	Sodium hydroxide	4B
001314-13-2	Zinc oxide	4A
001314-23-4	Zirconium oxide	2
001317-33-5	Molybdenum disulfide	3
001317-34-6	Manganese(III) oxide	3
001317-38-0	Copper oxide	3
001317-61-9	Iron oxide (Fe3O4)	4A
001317-65-3	Limestone (no asbestos and less than 1% crystalline silica)	4A
001317-71-1	Olivine	3
001317-80-2	Rutile	3
001318-00-9	Vermiculite (no asbestos and less than 1% crystalline silica)	4A
001318-23-6	Boehmite (Al(OH)O)	3
001318-59-8	Chlorite	3

CAS No.	Formulant Names	List No.
001318-74-7	Kaolinite	3
001318-93-0	Montmorillonite	4A
001320-67-8	1,2-Propanediol, monomethyl ether	3
001321-69-3	Naphthalenesulfonic acid, sodium salt	3
001321-94-4	Methylnaphthalene	3
001322-93-6	Diisopropylnaphthalenesulfonic acid, sodium salt	3
001327-43-1	Aluminum magnesium silicate	4A
001328-53-6	C.I. Pigment Green 7	4B
001330-20-7	Xylene	2
001330-38-7	C.I. Direct Blue 86	3
001330-39-8	Copper phthalocyanine trisulfonic acid	3
001330-43-4	Disodium tetraborate	3
001330-78-5	Triorthocresylphosphate	1
001331-61-9	Dodecylbenzenesulfonic acid, ammonium salt	3
001332-37-2	Iron oxide	3
001332-58-7	Kaolin (no asbestos and less than 1% crystalline silica)	4A
001333-86-4	Carbon black	3
001335-30-4	Aluminum silicate, hydrated	4A
001336-21-6	Ammonium hydroxide	4B
001336-93-2	Manganese naphthenate	3
001338-02-9	Copper naphthenate	3
001338-14-3	Naphthenic acids, iron salts	3
001338-24-5	Naphthenic acid	3
001338-41-6	Sorbitan monostearate	4B
001343-88-0	Magnesium silicate	4A
001343-98-2	Silicic acid	4B
001344-00-9	Silicic acid, aluminum sodium salt	4A
001344-09-8	Sodium silicate	4B
001344-28-1	Aluminum oxide	4B
001344-95-2	Calcium silicate	4A
001589-47-5	2-Methoxy-1-propanol	3
001592-23-0	Calcium stearate	4A
001599-67-3	1-Docosene	3
001643-20-5	N,N-Dimethyldodecylamine oxide	3
001762-95-4	Ammonium thiocyanate	3
001934-21-0	C.I. Acid Yellow 23, trisodium salt	3
001945-78-4	Benzothiazole, 2,2'-methylenebis-	3
001948-33-0	tert-Butylhydroquinone	3
002050-08-0	2-Hydroxybenzoic acid, pentyl ester	3

CAS No.	Formulant Names	List No.
002082-79-3	Ocatdecyl 3-(3',5'-di-tert-butyl-4'-hydroxyphenyl)propionate	3
002235-54-3	Dodecyl sulfate, ammonium salt	3
002321-07-5	Fluorescein	3
002390-60-5	C.I. Basic Blue 7	3
002425-85-6	C.I. Pigment Red 3	3
002440-22-4	2-(2H-Benzotriazol-2-yl)-4-methylphenol	3
002457-01-4	Barium 2-ethylhexanoate	3
002492-26-4	2-Mercaptobenzothiazole, sodium salt	3
002605-78-9	N,N-Dimethyloctylamine N-oxide	3
002610-11-9	C.I. Direct Red 81, disodium salt	3
002634-33-5	1,2-Benzisothiazolin-3-one	3
002650-18-2	C.I. Acid Blue 9, diammonium salt	3
002682-20-4	3(2H)-Isothiazolone, 2-methyl-	3
002772-45-4	Phenol, 2,4-bis(1-methyl-1-phenylethyl)-	3
002783-94-0	C.I. Food Yellow 3	3
002809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid	4B
002836-32-0	Glycolic acid, sodium salt	3
002855-13-2	Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-	3
002991-51-7	Glycine, N-ethyl-N-((heptadecafluorooctyl)sulfonyl)-, potassium salt	3
003006-15-3	Sodium 1,4-dihexyl sulfosuccinate	3
003068-39-1	Xanthylium, 3,6-bis(ethylamino)-9-[2-(methoxycarbonyl)phenyl]-2,7-dimethyl-, chloride	3
003088-31-1	2-(2-Dodecyloxyethoxy)ethyl sodium sulfate	3
003164-85-0	Potassium 2-ethylhexanoate	3
003251-23-8	Copper nitrate	3
003380-34-5	2,4,4'-Trichloro-2-hydroxy diphenyl ether	3
003452-07-1	1-Eicosene	3
003486-30-4	C.I. Acid Blue 7, sodium salt	3
003486-35-9	Zinc carbonate	4B
003567-66-6	C.I. Acid Red 33, disodium salt	3
003567-69-9	C.I. Acid Red 14, disodium salt	3
003586-55-8	Ethylene glycol bis(semiformal)	3
003734-33-6	Denatonium benzoate	3
003734-67-6	C.I. Acid Red 1	3
003811-04-9	Potassium chlorate	3
003844-45-9	C.I. Acid Blue 9, disodium salt	3
003896-11-5	2-(2-Hydroxy-3-tert-butyl-5-methylphenyl)-5-chloro-2H-benzotriazole	3
003910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3-phenyl-	3
004065-45-6	2-Hydroxy-4-methoxybenzophenone-5-sulfonic acid	3
004075-81-4	Calcium propionate	4B

CAS No.	Formulant Names	List No.
004080-31-3	Hexamethylenetetramine chloroallyl chloride	3
004247-02-3	Benzoic acid, p-hydroxy-, isobutyl ester	3
004368-56-3	2-Anthracenesulfonic acid,1-amino-4-(cyclohexylamino)-9, 10-dihydro-9,10-dioxo-, monosodium salt	3
004395-65-7	C.I. Solvent Blue 68	3
004403-90-1	C.I. Solvent Green 25	3
004474-24-2	C.I. Acid Blue 80	3
004940-11-8	2-Ethyl-3-hydroxy-4H-pyran-4-one	3
005131-66-8	1-Butoxy-2-propanol	2
005137-55-3	Tricaprylyl methyl ammonium chloride	3
005281-04-9	C.I. Pigment Red 57:1	3
005329-14-6	Sulfamic acid	3
005333-42-6	2-Octyldodecanol	3
005392-40-5	Citral	3
005437-45-6	Benzyl bromoacetate	3
005466-77-3	2-Ethylhexyl-p-methoxycinnamate	3
005850-16-8	C.I. Acid Brown 14, disodium salt	3
005949-29-1	Citric acid, monohydrate	4A
005989-27-5	d-Limonene	4B
006132-04-3	Sodium citrate dihydrate	4A
006152-33-6	[1,1'-Biphenyl]-2-ol, sodium salt, tetrahydrate	3
006197-30-4	2-Ethylhexyl 2-cyano-3,3-diphenylacrylate	3
006247-34-3	2-Anthracenesulfonic acid, 4-[[4-(acetylamino)phenyl]amino]-1-amino-9,10-dihydro-9,10-dioxo-	3
006303-21-5	Hypophosphorus acid	3
006317-18-6	Thiocyanic acid, methylene ester	3
006358-31-2	C.I. Pigment Yellow 74	3
006358-37-8	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-methylphenyl)-3-oxo-	3
006362-80-7	Benzene, 1,1'-(1,1-dimethyl-3-methylene-1,3-propanediyl)bis-	3
006408-78-2	C.I. Acid Blue 25	3
006408-78-2	C.I. Acid Blue 25	3
006408-80-6	C.I. Acid Blue 145	3
006417-83-0	2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	3
006422-86-2	Terephthalic acid, bis(2-ethylhexyl) ester	3
006440-58-0	Dimethylol-5,5-dimethylhydantoin	3
006535-46-2	2-Naphthalenecarboxamide, 3-hydroxy-N-(2-methylphenyl)-4-[(2,4,5-trichlorophenyl)azo]-	3
006700-85-2	Cobalt octanoate	3

CAS No.	Formulant Names	List No.
006834-92-0	Silicic acid (H2SiO3), disodium salt	4B
006915-15-7	Malic acid	4A
006938-94-9	Diisopropyl adipate	3
006969-49-9	n-Octyl salicylate	3
007000-29-5	Calcium magnesium carbonate	3
007023-61-2	C.I. Pigment Red 48, calcium salt	3
007091-57-8	8-Quinolinol, benzoate (salt)	3
007235-40-7	beta-Carotene, all-trans-	3
007320-34-5	Tetrapotassium pyrophosphate	4B
007376-31-0	Ethanol, 2,2',2"-nitrilotris-, sulfate (salt)	3
007396-58-9	1-Decanamine, N-decyl-N-methyl-	3
007429-90-5	Aluminum (metal)	3
007439-89-6	Iron (Fe)	4B
007439-96-5	Manganese	3
007440-44-0	Carbon	4A
007440-48-4	Cobalt	2
007440-50-8	Copper	3
007440-67-7	Zirconium	3
007447-40-7	Potassium chloride	4A
007447-41-8	Lithium chloride	3
007487-88-9	Magnesium sulfate	4A
007558-79-4	Disodium phosphate	4B
007558-80-7	Sodium dihydrogen phosphate	4B
007601-54-9	Trisodium phosphate	4B
007631-86-9	Silicon dioxide (crystalline-free forms only)	4A
007631-90-5	Sodium bisulfite	3
007631-95-0	Sodium molybdate	3
007631-99-4	Sodium nitrate	4B
007632-00-0	Sodium nitrite	3
007632-04-4	Perboric acid, sodium salt	3
007647-01-0	Hydrogen chloride	4B
007647-14-5	Sodium chloride	4A
007647-15-6	Sodium bromide	4B
007664-38-2	Phosphoric acid	4B
007664-41-7	Ammonia	3
007664-93-9	Sulfuric acid	4B
007681-11-0	Potassium iodide (KI)	3
007681-38-1	Sodium bisulfate	4B
007704-34-9	Sulfur	4A

CAS No.	Formulant Names	List No.
007705-08-0	Ferric chloride	4B
007722-76-1	Ammonium phosphate (monobasic)	4B
007722-84-1	Hydrogen peroxide	3
007722-88-5	Diphosphoric acid, tetrasodium salt	4B
007723-14-0	Phosphorus (red)	3
007727-37-9	Nitrogen	4A
007727-43-7	Barium sulfate (1:1)	3
007732-18-5	Water	4A
007733-02-0	Zinc sulphate (1:1)	3
007757-79-1	Potassium nitrate	3
007757-82-6	Sodium sulfate	4A
007757-83-7	Sodium sulfite	3
007758-29-4	Sodium tripolyphosphate	4B
007758-87-4	Tricalcium phosphate	4B
007773-01-5	Manganese chloride	3
007775-09-9	Sodium chlorate	3
007775-14-6	Sodium dithionite	3
007775-27-1	Peroxydisulfuric acid, disodium salt	3
007778-18-9	Calcium sulfate	4A
007778-50-9	Potassium dichromate	2
007778-77-0	Potassium phosphate, monobasic	4B
007778-80-5	Potassium sulfate	4A
007782-42-5	Graphite (no asbestos and less than 1% crystalline silica)	4A
007783-20-2	Ammonium sulfate	4B
007783-28-0	Diammonium phosphate	4B
007785-87-7	Manganese sulfate	4B
007786-30-3	Magnesium chloride	4B
007789-20-0	Water, heavy (D2-O)	3
008000-25-7	Oils, rosemary	4B
008000-27-9	Oil of cedarwood	3
008000-29-1	Oil of citronella	3
008000-46-2	Oils, geranium	4B
008000-48-4	Eucalyptus oil	3
008001-21-6	Sunflower seed oil	3
008001-22-7	Soybean oil	4A
008001-25-0	Olive oil	4A
008001-26-1	Linseed oil (boiled)	4B
008001-26-1	Linseed oil (unboiled)	4A
008001-29-4	Cottonseed oil	4A

CAS No.	Formulant Names	List No.
008001-30-7	Corn oil	4A
008001-31-8	Coconut oil	4A
008001-39-6	Vegetable wax	3
008001-58-9	Coal tar creosote	1
008001-78-3	Castor oil, hydrogenated	4A
008001-79-4	Castor oil	4A
008001-97-6	Aloe vera gel	3
008002-03-7	Peanut oil	4A
008002-05-9	Petroleum	2
008002-09-3	Pine oil	4B
008002-26-4	Tall oil	3
008002-33-3	Sulfated castor oil	4B
008002-43-5	Lecithins	4A
008002-48-0	Malt extract	4A
008002-74-2	Paraffin wax	4A
008003-22-3	C.I. Solvent Yellow 33	3
008003-34-7	Pyrethrum	3
008004-92-0	C.I. Acid Yellow 3	3
008006-54-0	Lanolin	4A
008006-90-4	Peppermint oil	3
008007-02-1	Oil of lemongrass	3
008007-69-0	Almond oil	4A
008007-70-3	Oil of anise	3
008008-20-6	Kerosene (deodorized)	3
008008-51-3	Oil of camphor	3
008008-57-9	Orange oil	4B
008008-79-5	Spearmint oil	4B
008009-03-8	Petrolatum	4B
008012-89-3	Beeswax	4A
008012-95-1	Paraffin oils	3
008013-01-2	Yeast extract	3
008013-07-8	Epoxidized soybean oil	3
008014-09-3	Oils, patchouli	3
008014-19-5	Oils, palmarosa	4B
008015-86-9	Carnauba wax	4B
008016-11-3	Epoxidized linseed oil	3
008022-56-8	Oils, sage	4B
008022-96-6	Essential oils	3
008027-33-6	Alcohols, lanolin	3

CAS No.	Formulant Names	List No.
008028-89-5	Carmel	4B
008029-76-3	Hydroxylated lecithin	3
008030-30-6	Naphtha	3
008030-76-0	Lecithins, soya	4A
008031-18-3	Fuller's earth	4A
008042-47-5	White mineral oil (petroleum)	4A
008047-99-2	N-Ethyltoluenesulfonamide	3
008050-09-7	Rosin	3
008050-15-5	Resin acids and rosin acids, hydrogenated, Me esters	3
008050-81-5	Simethicone	3
008051-30-7	Coconut oil, reaction products with diethanolamine	3
008052-41-3	Stoddard solvent	2
008052-42-4	Asphalt	3
008052-48-0	Sodium tallow soap	4B
008061-51-6	Lignosulfonic acid, sodium salt	4B
008061-52-7	Lignosulfonic acid, calcium salt	4B
008061-53-8	Lignosulfonic acid, ammonium salt	3
008068-05-1	Lignin sulphate	3
009000-01-5	Gum arabic	4B
009000-07-1	Carrageenan	4A
009000-28-6	Ghatti gum	3
009000-30-0	Guar gum	4A
009000-40-2	Carob gum (locust bean gum)	4A
009000-59-3	Shellac	3
009000-65-1	Gum tragacanth	3
009000-70-8	Gelatin	4B
009000-71-9	Casein	4B
009002-18-0	Agar	3
009002-84-0	Polytetrafluoroethylene	3
009002-86-2	Polyvinyl chloride resin	4B
009002-88-4	Polyethylene	4A
009002-89-5	Polyvinyl alcohol	4B
009002-92-0	Polyoxyethylene dodecyl mono ether	4B
009002-93-1	Polyoxyethylene 4-(1,1,3,3-tetramethylbutyl)phenyl ether	3
009003-01-4	Acrylic acid polymer	4B
009003-04-7	Acrylic acid polymer, sodium salt	4B
009003-05-8	Polyacrylamide	4B
009003-07-0	Polypropylene	4B
009003-11-6	Polyoxyethylene-polyoxypropylene copolymer	4B

CAS No.	Formulant Names	List No.
009003-13-8	Butoxypropylene glycol	3
009003-18-3	2-Propenenitrile, polymer with 1,3-butadiene	4B
009003-20-7	Polyvinyl acetate	4B
009003-22-9	Vinyl chloride-vinyl acetate copolymer	4B
009003-39-8	Polyvinylpyrrolidone	4B
009003-53-6	Polystyrene resin	4B
009004-32-4	Cellulose carboxymethyl ether, sodium salt	4A
009004-34-6	Cellulose	4A
009004-53-9	Dextrins	4A
009004-57-3	Cellulose, ethyl ether	3
009004-62-0	Cellulose, 2-hydroxyethyl ether	4A
009004-64-2	Cellulose, 2-hydroxypropyl ether	4A
009004-65-3	Cellulose, 2-hydroxypropyl methyl ester	4A
009004-67-5	Cellulose, methyl ether	4A
009004-82-4	Dodecanol, ethoxylated, monoether with sulfuric acid, sodium salt	4B
009004-87-9	Ethoxylated isooctylphenol	3
009004-94-8	Poly(oxy-1,2-ethanediyl), alpha-(1-oxohexadecyl)- omega -hydroxy-	3
009004-95-9	Polyoxyethylene monohexadecyl ether	4B
009004-96-0	Polyoxyethylene monoleate	4B
009004-98-2	Polyoxyethylene mono(cis-9-octadecenyl) ether	4B
009004-99-3	Polyoxyethylene monostearate	4B
009005-00-9	Polyoxyethylene monoocatdecyl ether	4B
009005-07-6	Polyoxyethylene dioleate	4B
009005-08-7	Polyoxyethylene distearate	4B
009005-25-8	Cornstarch	4A
009005-37-2	Propylene glucol alginate	4B
009005-38-3	Sodium alginate	4A
009005-46-3	Sodium caseinate	4B
009005-53-2	Lignin solids	3
009005-64-5	Polyoxyethylene sorbitan monolaurate	4B
009005-65-6	Polyoxyethylene sorbitan monooleate	4B
009005-66-7	Polyoxyethylene sorbitan monopalmitate	4B
009005-67-8	Polyoxyethylene sorbitan monostearate	4B
009005-70-3	Polyoxyethylene sorbitan trioleate	4B
009005-71-4	Polyoxyethylene sorbitan tristearate	4B
009007-13-0	Resin acids and rosin acids, calcium salts	3
009007-16-3	Acrylic acid, polymer with sucrose polyallyl ether	3
009007-48-1	Polyglycerol ester of oleic acid	4B
009010-66-6	Zein	3

CAS No.	Formulant Names	List No.
009010-88-2	Ethyl acrylate, copolymer with methyl methacrylate	3
009011-05-6	Urea-formaldehyde resin	4B
009011-16-9	Maleic anhydride - methylvinyl ether copolymer	4B
009012-54-8	Enzyme concentrate, dry matter	3
009014-01-1	Subtilisin	3
009014-85-1	Polyethylene glycol ether with 1,4-diisobutyl-1,4-dimethylbutynediol (2:1)	4B
009014-90-8	Nonylphenol, ethoxylated, monoether with sulfuric acid, sodium salt	4B
009014-92-0	Polyoxyethylene dodecylphenol	4B
009014-93-1	Polyoxyethylene dinonylphenol	4B
009016-00-6	Poly(oxy(dimethylsilylene))	3
009016-45-9	Polyoxyethylene nonylphenol	4B
009016-87-9	Polymethylenepolyphenylene isocyanate	3
009036-19-5	Polyoxyethylene (1,1,3,3-tretramethylbutyl)phenyl ether	4B
009038-95-3	Polyethylene-polypropylene glycol, monobutyl ether	4B
009041-33-2	Oxirane, methyl-,polymer with oxirane, mono-2-propenyl ether	4B
009043-30-5	Polyoxyethylene isotridecyl ether	3
009046-01-9	Polyethylene glycol mono tributylphenyl ether	3
009046-09-7	Polyethylene glycol mono tributylphenyl ether	3
009050-36-6	Maltodextrin	4A
009069-80-1	Naphthalenesulfonic acid, polymer with formaldehyde, ammonium salt	3
009081-17-8	Nonylphenol, ethoxylated, monoether with sulfuric acid	4B
009084-06-4	Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt	4B
010024-97-2	Nitrous oxide	3
010025-77-1	Iron (3) chloride, hexahydrate	3
010028-22-5	Ferric sulfate	4B
010031-43-3	Copper(II) nitrate, trihydrate (1:2:3)	3
010043-01-3	Aluminum sulfate	4B
010043-35-3	Boric acid (H3BO3)	3
010043-52-4	Calcium chloride	4B
010043-67-1	Potassium aluminum sulfate	3
010124-56-8	Sodium hexametaphosphate	4B
010137-74-3	Calcium chlorate	3
010192-30-0	Ammonium acid sulfite	3
010192-32-2	1-Tetracosene	3
010197-71-4	Phthalic acid, sodium salt	3
010213-79-3	Silicic acid, disodium salt, pentahydrate	4B
010294-56-1	Phosphorous acid	3
010377-60-3	Magnesium nitrate	4B
010378-23-1	Tetrasodium ethylenediamine tetraacetate dihydrate	3

CAS No.	Formulant Names	List No.
010545-99-0	Chlorine sulfide	3
011081-15-5	Isooctyl phenol	3
011099-07-3	Octadecanoic acid, ester with 1,2,3-propanetriol	3
011117-11-6	Benzenesulfonic acid, tetrapropylene-, calcium salt	3
011138-66-2	Xanthan gum	4A
011296-00-8	White carbon	3
012001-26-2	Mica group minerals (no asbestos and less than 1% crystalline silica)	4A
012030-88-5	Potassium superoxide	3
012040-43-6	Silicic acid, aluminum magnesium sodium salt	3
012124-97-9	Ammonium bromide	4B
012125-02-9	Ammonium chloride	4B
012135-86-3	Serpentime (or: Antigorite, Lisardite)	3
012136-45-7	Potassium oxide	3
012173-10-3	Clinoptilolite	3
012173-47-6	Hectorite	4B
012174-11-7	Attapulgite	4B
012179-04-3	Boric acid (H2B4O7)), disodium salt, pentaborate	3
012199-37-0	Smectite-group minerals	4B
012225-06-8	2-Naphthalenecarboxamide, N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-hydroxy-4-[[2-methoxy-5-[(phenylamino) carbonyl]phenyl]azo]-	3
012225-21-7	C.I. Pigment Yellow 100	3
012227-89-3	C.I. Pigment Black 11	3
012236-62-3	C.I. Pigment Orange 36	3
012236-86-1	C.I. Reactive Blue 21	3
012239-87-1	Copper, (chlorophthalocyaninato(2-))	3
012269-78-2	Pyrophyllite	4B
012401-86-4	Sodium monoxide	3
012768-78-4	C.I. Acid Green 16	3
013081-34-0	Polyoxyethylene S-ether with dodecylmercaptan	3
013081-97-5	Octadecanoic acid, 2,2-bis(hydroxymethyl)-1,3-propanediyl ester	3
013397-24-5	Gypsum	4A
013397-26-7	Carbonic acid, calcium salt (calcite) (no asbestos and less than 1% crystalline silica)	4A
013463-67-7	Titanium dioxide	4B
013467-82-8	Octaneperoxoic acid, 1,1-dimethylethyl ester	3
013515-40-7	C.I. Pigment Yellow 73	3
013983-17-0	Wollastonite (Ca(SiO3))	4A
014356-36-6	4-Dodecylbenzenesulfonic acid, butylamine salt	3
014464-46-1	Cristobalite	4B

CAS No.	Formulant Names	List No.
014567-73-8	Tremolite	2
014751-87-2	Acetohydroxamic acid, N-fluoren-2-yl-, cobalt(2) complex	3
014807-96-6	Talc (no asbestos and less than 1% crystalline silica)	4B
014808-60-7	Silica, crystalline (quartz)	2
015782-05-5	C.I. Pigment Red 48:3	3
015956-58-8	2-Ethyl hexanoic acid, manganese salt	3
016068-46-5	Potassium phosphate	3
016291-96-6	Charcoal	3
016389-88-1	Dolomite (CaMg(CO3)2) (no asbestos and less than 1% crystalline silica)	4A
016423-68-0	Fluorescein, 2',4',5',7'-tetraiodo, disodium salt { Spiro(isobenzofuran) tautomeric form }	3
016521-38-3	C.I. Pigment Blue 63	3
017068-78-9	Asbestos, anthophyllite	2
017354-14-2	C.I. Solvent Blue 35	3
017572-97-3	Ethylenediaminetetraacetic acid, tripotassium salt	3
017804-49-8	2,7-Naphthalenedisulfonic acid, 5-((4,6-dicloro-s-triazin-2-yl)amino)-4-hydroxy-3-(phenylazo)-, disodium salt	3
018282-10-5	Tin oxide	3
018299-54-2	Ethylenediamine hydrochloride	2
018820-29-6	Manganese sulfide	3
018835-33-1	1-Hexacosene	3
019381-50-1	C.I. Acid Green 1	3
019549-80-5	4,6-Dimethyl-2-heptanone	3
020344-49-4	Iron hydroxide oxide (Fe(OH)O)	4B
020427-58-1	Zinc hydroxide	3
021245-02-3	4-(Dimethylamino)benzoic acid, 2-ethylhexyl ester	3
021564-17-0	Thiocyanic acid, (2-benzothiazolylthio)methyl ester	3
021645-51-2	Aluminum hydroxide	4B
022464-99-9	2-Ethylhexanoic acid, zirconium salt	3
023783-26-8	Acetic acid, hydroxyphosphono-	3
024634-61-5	Potassium sorbate	4B
024938-91-8	Polyoxyethylene tridecyl ether	3
025013-16-5	Butylated hydroxyanisole	3
025035-69-2	Methacrylic acid, polymer with butyl acryate and methyl methacrylate	3
025067-01-0	Vinyl acetate, polymer with n-butyl acrylate	4B
025068-38-6	Bisphenol A - epichlorohydrin condensate	3
025086-89-9	Polyvinylpyrrolidone-vinyl acetate copolymer	4B
025104-37-4	Poly(vinyl ethyl ether)	3
025133-97-5	2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	3
025154-85-2	Vinyl chloride - isobutyl vinyl ether copolymer	3

CAS No.	Formulant Names	List No.
025155-30-0	Dodecybenzenesulfonic acid, sodium salt	3
025167-81-1	Dichorophenol	3
025212-88-8	Ethyl acrylate-methacrylic acid copolymer	4B
025213-24-5	Vinyl alcohol-vinyl acetate copolymer	4B
025231-21-4	Polyoxypropylene monostearyl ether	4B
025265-71-8	Dipropylene glycol	3
025265-77-4	2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	3
025322-68-3	Polyethylene glycol	4B
025322-69-4	Polypropylene glycol	4B
025339-17-7	Isodecyl alcohol	2
025417-20-3	Dibutylnaphthalenesulfonic acid, sodium salt	3
025446-78-0	Ethanol, 2-[2-[2-(tridecyloxy)ethoxy]ethoxy]-, hydrogen sulfate, sodium salt	3
025498-49-1	[2-(2-Methoxymethylethoxy)methylethoxy]propanol	2
025550-14-5	Ethylmethylbenzene	2
025550-98-5	Diisodecylphenyl phosphite	3
025551-13-7	Trimethylbenzene	3
025608-33-7	Methyl methacrylate, copolymer with butyl methacrylate	3
025638-17-9	Butylnaphthalenesulfonic acid, sodium salt	3
025655-41-8	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex	3
025766-59-0	Polycarbonate	3
025791-96-2	Poly(oxypropylene) glycol triether	3
025852-37-3	Methyl methacrylate, copolymer with butyl acrylate	3
025956-17-6	FD&C Red No. 40	4B
026009-03-0	Polyglycolic acid	3
026027-38-3	p-Nonylphenol, ethoxylated	4B
026172-55-4	3(2H)-Isothiazolone, 5-chloro-2-methyl-	3
026221-73-8	1-Octene, polymer with ethene	3
026249-20-7	Ucar butylene oxide 12 (Obs.)	3
026254-89-7	Diethyl butyral	3
026264-05-1	Dodecylbenzenesulfonic acid, isopropylamine salt	3
026264-06-2	Dodecylbenzenesulfonic acid, calcium salt	3
026264-58-4	Methylnaphthalenesulfonic acid, sodium salt	3
026266-58-0	Sorbitan trioleate	3
026447-40-5	4,4'-,2,4'-,2,2'-Diisocyanatodiphenylmethane	3
026499-65-0	Plaster of Paris	4A
026530-20-1	2-Octyl-4-isothiazolin-3-one	3
026635-93-8	N,N'-Bis(polyoxyethylene)oleylamine	3
026658-19-5	Sorbitan tristearate	3
026761-40-0	Diisodecyl phthalate	3

CAS No.	Formulant Names	List No.
026873-77-8	2-Ethylhexyl 2-propenoate and 2-propene	4B
026952-21-6	Isooctanol	3
027138-31-4	Dipropylene glycol dibenzoate	3
027176-87-0	Dodecylbenzenesulfonic acid	3
027177-77-1	Dodecylbenzenesulfonic acid, potassium salt	3
027178-16-1	Adipic acid, diisodecyl ester	3
027178-87-6	Dimethylnaphthalenesulfonic acid, sodium salt	3
027193-83-5	Monochlorophenoxy acetic acid	3
027193-86-8	Dodecylphenol	3
027213-90-7	Diisobutylnaphthalenesulfonic acid, sodium salt	3
027253-28-7	Neodecanoic acid, lead salt	3
027253-31-2	Cobalt neodeconoate	3
027253-32-3	Neodecanoic acid, manganese salt	3
027253-33-4	Calcium neodecanoate	3
027274-31-3	Poly(oxy-1,2-ethanediyl),.alpha.-2-propenyl-.omega.-hydroxy-	4B
027321-96-6	Glycols, polyethylene, monocholesteryl ether	3
027323-41-7	Dodecylbenzenesulfonic acid, triethanolamine salt	3
027344-41-8	Benzenesulfonic acid, 2,2'-(4,4'-biphenylylenedivinylene)di-, disodium salt	3
027360-07-2	Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy)butane and ethenol	3
027458-92-0	Isotridecyl alcohol	3
027479-28-3	Benzenemethanaminium, N-dodecyl-ar-ethyl-N,N-dimethyl-, chloride	3
027479-29-4	Benzenemethanaminium, ar-ethyl-N,N-dimethyl-N-tetradecyl-, chloride	3
027576-86-9	Phenol, (1-methyl-1-phenylethyl)-	3
027756-15-6	Acrylic acid-stearyl methacrylate copplymer	3
028211-18-9	2-Pyrrolidinone, 1-ethenyl-, polymer with 1-eicosene	4B
028262-63-7	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	3
028348-64-3	Isopropylnaphthalenesulfonic acid, sodium salt	3
028430-58-2	Vinyl acetate, polymer with methyl acrylate and methyl methacrylate	4B
028724-32-5	Poly(oxy-1,2-ethanediyl), alpha, alpha'-[(methyloctadecyliminio)di-2,1-ethanediyl]bis[omega -hydroxy-, chloride	3
029116-98-1	Sorbide dioleate	3
029190-28-1	1,3-Benzenediol, 2,4-bis[(dimethylphenyl)azo]-	3
029385-43-1	Methyl-1H-benzotriazole	2
029733-18-4	Pentanedioic acid, diisodecyl ester	3
030231-49-3	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and butyl 2-propenoate	3
030846-35-6	Formaldehyde, polymer with 4-nonylphenol and oxirane	3
031069-81-5	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate and ethyl 2-propenoate	3
031566-31-1	Glyceryl monostearate	4A

CAS No.	Formulant Names	List No.
031694-55-0	Poly(oxy-1,2-ethanediyl), alpha, alpha', alpha"-[1,2,3-propanetriyltris]- omega -hydroxy-	3
031799-71-0	Poly(oxy-1,2-ethanediyl), alpha,	3
031807-55-3	Isododecane	3
031983-27-4	2,6-Octadienenitrile, 3,7-dimethyl-, (Z)-	3
032360-05-7	2-Propenoic acid, 2-methyl-, octadecyl ester	3
032612-48-9	Dodecanol, ethoxylated, monoether with sulfuric acid, ammonium salt	3
032628-06-1	Poly(oxy-1,2-ethanediyl), alpha-(1-oxohexadecyl)- omega -[(1-oxohexadecyl)oxy]-	3
033703-08-1	Diisononyl adipate	3
034149-92-3	Polyvinyl acetate chloride	3
034375-28-5	2-(Hydroxymethylamino)ethanol	3
035691-65-7	2-Bromo-2(bromomethyl)pentanedinitrile	3
036653-82-4	Cetyl alcohol	4B
037199-81-8	Maleic anhydride, polymer with 2,4,4-trimethylpentene, sodium salt	4B
037251-69-7	Polyoxyethylene polyoxypropylene mono(nonylphenyl) ether	3
037280-82-3	Polyoxyethylene polyoxypropylene phosphate	4B
037314-65-1	Lignosulfonic acid, potassium salt	3
037764-25-3	N,N-Diallyl-2,3-dichloroacetamide	4B
037971-36-1	2-Phosphonobutane-1,2,4-tricarboxylic acid	3
038640-62-9	Naphthalene, bis(1-methylethyl)-	3
039390-62-0	Epoxide 8	3
039393-37-8	Sanitizer 711	3
040372-66-5	1,2,4-Butanetricarboxylic acid, 2-phosphono-, sodium salt	3
041928-09-0	Polyethylene glycol ether with 2,2'-methylenebis(4-(tert-octyl)phenol) (2:1)	4B
042808-36-6	Sulfonated butyl oleate, sodium salt	3
051158-08-8	Poly(oxy-1,2-ethanediyl), alpha-hydro- omega -hydroxy-, ether with 1,2,3-propanetriol monooctadecanoate (2:1)	3
051229-78-8	Hexamethylenetetramine chloroallyl chloride, cis isomer	3
051243-47-1	2-Propenoic acid, butyl ester, polymer with ethenylbenzene and ethyl 2-propenoate	3
051274-00-1	C.I. Pigment Yellow 42	3
051617-74-4	Ethanol, 2-amino-, compound with alpha-sulfo- omega -(nonylphenoxy)poly(oxy-1,2-ethanediyl)	3
051730-94-0	Propanol, (methyl-2-phenoxyethoxy)-	3
051774-11-9	Isoheptanol (or: Isoheptylic alcohol solution)	3
051811-79-1	4-Nonylphenol, ethoxylated, phosphate ester	4B
052232-27-6	Oxirane, methyl-, polymer with oxirane, methyl 2-propenyl ether	3
052821-24-6	1H-Benz[de]isoquinoline-1,3(2H)-dione, 2-(3-hydroxypropyl)-6-[(3-hydroxypropyl)amino]-	3
052836-31-4	2,2,5-Trimethyl-3-dichoroacetyl-1,3-oxazolidine	3
053320-86-8	Lithium magnesium sodium silicate	3
054193-36-1	Sodium polymethacrylate	3

CAS No.	Formulant Names	List No.
055406-53-6	3-Iodo-2-propynyl butyl carbamate	3
055965-84-9	3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	3
056863-02-6	Diethanolamide of linoleic acid	3
057455-37-5	C.I. Pigment Blue 29	3
058654-67-4	2-Octanone, 5-methyl-	3
059160-79-1	Copper, [[2,2',2"-[29H,31H-phthalocyaninetriyltris(methylene)]tris[1H-isoindole-1,3(2H)-dionato]](2-)-N29,N39,N31,N32]-	3
059487-23-9	C.I. Pigment Red 187	3
060676-86-0	Silica, vitreous	4A
060828-78-6	Polyoxyethylene 2,6,8-trimethyl-4-nonyl ether	4A
061702-78-1	Poly(oxy-1,2-ethanediyl), alpha-[1,3-dimethyl-1-(2-methylpropyl)hexyl]- omega -hydroxy-	3
061723-83-9	Poly(oxy-1,2-ethanediyl), alpha-hydro- omega -hydroxy-, ether with D-glucitol (2:1), tetra-9-octadecenoate, (all-Z)-	3
061788-46-3	Coco alkyl amines	3
061788-60-1	Methyl esters of cottonseed oil	4B
061788-61-2	Fatty acids, tallow, Me esters	3
061788-62-3	Dicoco alkylmethyl amines	3
061788-72-5	Epoxidized octyl tallate	3
061788-85-0	Castor oil, hydrogenated, ethoxylated	3
061789-01-3	Tall oil, epoxidized, 2-ethylhexyl esters	3
061789-36-4	Calcium naphthenate	3
061789-40-0	N-(Coco alkyl) amido propyl dimethyl betaine	3
061789-70-6	Benzenemethanaminium, N-(3-aminopropyl)-N,N-dimethyl-, N-coco acyl derivatives, chlorides	3
061789-77-3	Quaternary ammonium compounds, di(cocoalkyl)dimethyl, chlorides	3
061789-86-4	Petroleum sulfonic acids, calcium salts	3
061789-91-1	Jojoba bean oil	3
061790-12-3	Fatty acids, tall-oil	3
061790-31-6	Amides, tallow, hydrogenated	3
061790-33-8	Amines, tallow alkyl	3
061790-38-3	Fatty acids, tallow, hydrogenated	4B
061790-47-4	Amines, rosin alkyl	3
061790-51-0	Rosin acids, sodium salt	3
061790-53-2	Diatomaceous earth (less than 1% crystalline silica)	4A
061790-66-7	Fatty acids, tall oil, compounds with diethanolamine	3
061790-81-6	Ethoxylated lanolin	3
061790-85-0	Ethoxylated N-(tallow alkyl)trimethylene diamines	3
061790-86-1	Fatty acids, tall-oil, monoesters with sorbitan, ethoxylated	3
061790-88-3	Sorbitan, tall-oil fatty acids triesters, ethoxylated	3

CAS No.	Formulant Names	List No.
061790-93-0	Fatty acids, tall-oil, tetraesters with sorbitol, ethoxylated	4B
061791-00-2	Fatty acids, tall-oil, ethoxylated	3
061791-12-6	Castor oil, ethoxylated	4B
061791-24-0	Amines, soya alkyl, ethoxylated	3
061791-26-2	Amines, tallow alkyl, ethoxylated	3
061791-28-4	Alcohols, tallow, ethoxylated	3
061791-38-6	1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-norcoco alkyl derivatives	3
061791-41-1	N-Methyl-N-(tall-oil acyl)taurine, sodium salt	3
061791-55-7	N-Tallow alkyltrimethylenediamines	3
061791-63-7	Amines, N-coco alkyltrimethylenedi-	3
061849-72-7	Polypropylene glycol beta-methyl glucoside ether (4:1)	3
063148-62-9	Silicones and siloxanes, dimethyl	4B
063148-69-6	Alkyd resins (alcohols, polyhydric, polyesters)	3
063231-60-7	Paraffin waxes and hydrocarbon waxes, microcryst	3
063231-67-4	Silica gel	4A
063415-74-7	Poly[oxy(methyl-1,2-ethanediyl)], alpha-butyl- omega -(2-propenyloxy)-	3
063449-39-8	Chlorinated wax	3
063704-79-0	Nekal BA-77	3
064051-22-5	Ethanol, 2-butoxy-, hydrogen phosphate, compound with N-ethylethanamine (1:1)	3
064051-23-6	Ethanol, 2-butoxy-, dihydrogen phosphate, compound with N-ethylethanamine (1:2)	3
064147-40-6	Dehydrated castor oil	3
064365-06-6	Isoparaffinic petroleum hydrocarbon	2
064365-17-9	Resin acids and rosin acids, hydrogenated, esters with pentaerythritol	3
064366-70-7	Oxirane, methyl-, polymer with oxirane, mono(2-ethylhexyl) ether	3
064741-65-7	Naphtha (petroleum), heavy alkylate	2
064741-66-8	Naphtha (petroleum), light alkylate	2
064741-73-7	Distillates (petroleum), alkylate	2
064741-88-4	Mineral oil, petroleum distillates, solvent-refined (mild) heavy paraffinic	2
064741-89-5	Mineral oil, petroleum distillates, solvent-refined (mild) light paraffinic	2
064741-96-4	Mineral oil, petroleum distillates, solvent-refined (mild) heavy naphthenic	2
064742-06-9	Extracts (petroleum), middle distillate solvent	2
064742-14-9	Distillates (petroleum), acid treated light	2
064742-16-1	Petroleum resins	3
064742-43-4	Paraffin waxes, clay treated	3
064742-46-7	Distillates (petroleum), hydrotreated middle	2
064742-47-8	Distillates (petroleum), hydrotreated light	2
064742-48-9	Naphtha	2
064742-52-5	Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	2
064742-53-6	Mineral oil, petroleum distillates, hydrotreated (mild) light naphthenic	2

CAS No.	Formulant Names	List No.
064742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	2
064742-55-8	Distillates (petroleum), hydrotreated light paraffinic	3
064742-56-9	Distillates (petroleum), solvent dewaxed light paraffinic distillate	2
064742-57-0	Residual oils (petroleum), hydrotreated	2
064742-58-1	Lubricating oils (petroleum), hydrotreated spent	2
064742-61-6	Slack wax	3
064742-62-7	Residual oils (petroleum), solvent-dewaxed	2
064742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	2
064742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	2
064742-88-7	Solvent naphtha (petroleum), medium aliphatic	2
064742-89-8	Solvent naphtha (petroleum), light aliphatic	2
064742-94-5	Solvent naphtha (petroleum), heavy aromatic	2
064742-95-6	Solvent naphtha (petroleum), light aromatic	2
064742-96-7	Solvent naphtha (petroleum), heavy aliphatic	2
064742-98-9	Distillates (petroleum), oxidized light	2
064755-05-1	Quaternary ammonium compounds, bis(hydroxyethyl)methyltallow alkyl, ethoxylated, chlorides	3
064771-72-8	Paraffins (petroleum), normal C5-20	2
065087-00-5	1,3-Benzenediol, 2,4-bis[(4-dodecylphenyl)azo]-	3
065143-89-7	Hexadecyl phenoxybenzenedisulfonic acid, disodium salt	3
065497-29-2	Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride	3
065530-85-0	alpha-(Cyclohexylmethyl)-omega-hydro-poly(difluoromethylene)	3
065997-05-9	Rosin, partially dimerized	3
065997-13-9	Resin acids and rosin acids, hydrogenated, esters with glycerol	3
065997-17-3	Fibrous glass	3
066197-78-2	Nonylphenol ether with (C2H4O)9 phosphate	3
066455-14-9	Alcohols, C12-13, ethoxylated	3
067479-27-0	Aloe gum	3
067584-51-4	Glycine, N-ethyl-N-[(nonafluorobutyl)sulfonyl]-, potassium salt	3
067584-52-5	Glycine, N-ethyl-N-[(undecafluoropentyl)sulfonyl]-, potassium salt	3
067584-53-6	Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt	3
067584-62-7	Glycine, N-ethyl-N-[(pentadecafluoroheptyl)sulfonyl]-, potassium salt	3
067674-67-3	Poly(oxy-1,2-ethanediyl),.alpha.-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl] proply]-omega-hydroxy-	4B
067701-08-0	Fatty acids, C16-18 and C18-unsaturated	4B
067701-27-3	Glycerides, C14-18	3
067701-33-1	Glycerides, C14-18, mono- and di-	3
067746-08-1	Linseed oil, polymerized	4B
067762-19-0	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega -hydroxy-, C10-16-alkyl ethers, ammonium salts	3

CAS No.	Formulant Names	List No.
067762-27-0	Alcohols, C16-18	3
067762-38-3	Fatty acids, C16-18 & C-18-unsaturated, Me esters	4B
067762-41-8	Alcohols, C10-16	3
067762-85-0	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polyethylene-polypropylene glycol mono-Me ether	3
067762-90-7	Dimethyl silicone polymer with silica	4B
067784-80-9	Soybean oil, Me ester	3
068002-94-8	Alcohols, C16-18 and C18-unsaturated	3
068002-96-0	Alcohols, C16-18, ethoxylated propoxylated	3
068002-97-1	Alcohols, C10-16, ethoxylated	3
068037-64-9	Siloxanes and silicones, di-Me, Me hydrogen reaction products with polyethylene-polypropylene glycol monoacteate allyl ether	3
068038-31-3	Fatty acids, tall-oil, polymers with pentaerythritol, phthalic anhydride and rosin	4B
068081-81-2	Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	3
068084-55-9	Dodecylbenzenesulfonic acid, N-(2-aminoethyl)ethanolamine salt	3
068092-46-6	Benzoic acid, 3-methyl-, zinc salt	3
068092-47-7	Benzoic acid, 3-methyl-, barium salt	3
068122-86-1	Alkyl imidazolinium methyl sulfates (derived from tallow acids)	3
068131-39-5	Alcohols, C12-15, ethoxylated	3
068131-40-8	Alcohols, C11-15-secondary, ethoxylated	3
068131-72-6	Polyphosphoric acids, esters with triethanolamine, sodium salts	3
068131-77-1	Distillates (petroleum), steam-cracked, polymerized	3
068132-50-3	Fatty acids, tall-oil, ammonium salts	3
068139-80-0	Fatty acids, tall-oil, polymers with C18-unsaturated fatty acid dimers and ethylenediamine	3
068140-00-1	Amides, coco, N-(hydroxyethyl)-	3
068152-81-8	Soybean oil, polymerized, oxidized	3
068154-97-2	Alcohols, C10-C12, ethoxylated propoxylated	3
068155-20-4	Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	3
068155-39-5	Amines, C14-18 and C16-18-unsaturated alkyl, ethoxylated	3
068187-76-8	Castor oil, sulfated, sodium salt	4B
068201-49-0	Lanolin wax	3
068201-51-4	Oils, menhaden, oxidized	4B
068213-53-6	Linseed oil, polymer with dicyclopentadiene	3
068227-33-8	6-Dodecyne-5,8-diol, 2,5,8,11-tetramethyl-	3
068308-53-2	Soya fatty acids	3
068308-54-3	Glycerides, tallow mono-, di- and tri-, hydrogenated	3
068308-74-7	N,N-Dimethyl tall-oil fatty amides	3
068309-52-4	Linseed oil, polymer with maleic anhydride and tung oil	3
068310-04-3	1,3-Benzenediol, 4-[(2,4-dimethylphenyl)azo]-2-[(4-dodecylphenyl)azo]-	3

CAS No.	Formulant Names	List No.
068310-58-7	Poly(oxy-1,2-ethanediyl), alpha-[bis(phenylmethyl)phenyl]- omega -hydroxy-	3
068334-00-9	Hydrogenated cottonseed oil	4A
068334-30-5	Fuels, diesel	2
068389-39-9	Phosphoric acid, isooctyl ester, potassium salt	3
068391-11-7	Paraldehyde and ammonia reaction product	3
068409-79-0	Fatty acids, C8-10-branched, lead salts, basic	3
068410-18-4	Fatty acids, C18-unsatd., dimers, compds. with tall-oil fatty acids and N-tallow alkyltrimethylenediamines	3
068411-31-4	Benzenesulfonic acid, C10-13-alkyl derivatives, compounds triethanolamine salt	3
068411-32-5	Benzenesulfonic acid, dodecyl-, branched	3
068412-53-3	Polyethylene glycol branched-nonylphenyl ether phosphate	3
068412-54-4	Polyoxyethylene branched-C9-alkylphenol	3
068412-54-5	Ethoxylated nonylphenol, branched	3
068412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivatives	3
068412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives	3
068425-47-8	Amides, soya, N,N-bis(hydroxyethyl)	3
068425-94-5	Residues (petroleum), catalytic reformer fractionator, sulfonated, polymers with formaldehyde, sodium salts	3
068427-35-0	5-Benzoxazolesulfonamide, 2-[7-(diethylamino)-2-oxo-2H-1-benzopyran-3-yl]-	3
068439-46-3	Alcohols, C9-11, ethoxylated	3
068439-49-6	Alcohols, C16-18, ethoxylated	3
068439-50-8	Fatty alcohol, ethoxylated	3
068439-50-9	Alcohols, C12-14, ethoxylated	3
068439-72-5	Amines, C8-18 and C18-unsaturated alkyl, ethoxylated	3
068440-66-4	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polypropylene glycol mono-Bu ether	3
068441-17-8	Oxidized polyethylene	4B
068442-09-1	Naphthalenesulfonic acid, sodium salt, isopropylated	3
068443-66-3	Ethanol, 2,2'-iminobis-, polymer with alpha-(nonylphenyl)- omega -hydroxypoly(oxy-1,2-ethanediyl) phosphate	3
068459-87-0	Oxirane, methyl-, polymer with alpha-butyl-omega-hydroxypoly(oxy-1,2-ethanediyl) and oxirane	3
068476-03-9	Fatty acids, montana-wax	3
068476-30-2	Fuel oil, No. 2	2
068476-31-3	Fuel oil, No. 4	2
068476-77-7	Lubricating oils, refined use	2
068477-31-6	Distillates (petroleum), cat. reformer fractionator residue, low boiling	2
068479-09-4	2-Propenoic acid, telomer with sodium hydrogen sulfite, sodium salt	3
068512-02-7	Benzene, (tetrapropenyl) derivatives	2
068512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated	3

CAS No.	Formulant Names	List No.
068512-35-6	Lignin, alkali, reaction products with formaldehyde and sodium bisulfite	3
068515-44-6	1,2-Benzenedicarboxylic acid, diheptyl ester, branched and linear	3
068515-45-7	1,2-Benzenedicarboxylic acid, dinonyl ester, branched and linear	3
068515-49-1	Phthalic acid, di-C9-11-branched alkyl esters, C10-rich	3
068515-65-1	Disodium cocoamidoisopropyl sulfosuccinate	3
068515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	3
068526-85-2	Alcohols, C9-11-iso-, C10-rich	3
068526-86-3	Alcohols, C11-14-iso-, C13-rich	3
068527-23-1	Naphtha (petroleum), light steam-cracked aromatic	2
068551-12-2	Alcohols, C12-16, ethoxylated	3
068551-13-3	Alcohols, C12-15, ethoxylated propoxylated	4B
068551-17-7	Alkanes, C10-13-iso-	3
068553-11-7	Glycerides, tallow mono- and di-, hydrogenated, ethoxylated	3
068553-81-1	Rice bran oil	4A
068554-12-1	Resin acids and Rosin acids, hydrogenated, calcium salts	3
068554-90-5	Soybean oil, polymer with p-tert-butylbenzoic acid, pentaerythritol, phthalic anhydride and trimethylolpropane	3
068583-51-7	Decanoic acid, mixed diesters with octanoic acid and propylene glycol	3
068584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	3
068585-34-2	Alcohols, (C10-16), ethoxylated, monoether with sulfuric acid, sodium salts	3
068585-47-7	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	3
068603-42-9	Amides, coco, N,N-bis(2-hydroxyethyl)	3
068605-57-2	Fatty acids, tall-oil, polymers with bisphenol A, epichlorohydrin, rosin and tung oil	4B
068608-26-4	Petroleum sulfonic acids, sodium salts	3
068609-68-7	1-Hexanol, 2-ethyl-, manuf. of by-products from, distn. residues	3
068611-14-3	Lignosulfonic acid, ethoxylated, sodium salts	3
068611-44-9	Silane, dichlorodimethyl-, reaction products with silica	4B
068647-72-3	Terpenes, orange oil	3
068647-73-4	Tea tree oil	3
068648-12-4	Polyoxypropylene ditall-oil ester	3
068648-27-1	Lanolin, hydrogenated, ethoxylated	3
068648-44-2	Pyrethrum marc	3
068648-50-0	Resin acids and Rosin acids, dimers, calcium salts	3
068649-00-3	Benzenesulfonic acid, mono-C9-17-branched alkyl derivatives, isopropylamine salts	3
068649-29-6	Polyoxyethylene-polyoxypropylene mono-C10-16-alkyl ethers, phosphates	3
068649-55-8	Polyethylene glycol branched-nonylphenyl ether sulfate ammonium salt	3
068650-39-5	Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, disodium salts	3
068784-70-3	Propanenitrile, 3-amino-, N-tallow alkyl derivatives	3

CAS No.	Formulant Names	List No.
068855-24-3	Benzene, C14-30-alkyl derivatives	3
068855-54-9	Diatomite	3
068890-80-2	Benzene, ethenyl-, polymer with 2,5-furandione, 2-butoxyethyl ester, ammonium salt	4B
068891-11-2	Oxirane, methyl-, polymer with oxirane, mono(nonylphenyl) ether, branched	3
068891-21-4	Poly(oxy-1,2-ethanediyl),.alpha.-(dinonyphenyl)-.omega.-hydroxy-branched	3
068891-33-8	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega -(nonylphenoxy)-, branched	3
068891-38-3	Alcohols, (C12-14), ethoxylated, monoethers with branched sulfuric acid, sodium salts	3
068891-39-4	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega - (nonylphenoxy)-, branched, sodium salt	3
068909-20-6	Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	4B
068909-82-0	Naphthalenesulfonic acid, bis(1-methylethyl)-, Me derivatives, sodium salts	3
068911-38-6	Fatty acids, tall-oil, dimers, polymers with azelaic acid, ethylenediamine, piperazine and polypropylene glycol diamine	3
068911-87-5	Bis(hydrogenated tallow alkyl)dimethyl ammonium salts with montmorillonite	3
068915-31-1	Polyphosphoric acids, sodium salts	3
068920-06-9	Xylene range aromatic solvent	2
068920-66-1	Alcohols, C16-18 and C18-unsaturated, ethoxylated	4B
068921-07-3	Distillates (petroleum), hydrotreated light catalytic cracked	3
068937-41-7	Phenol, isopropylated, phosphate (3:1)	3
068937-54-2	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethoxylated	3
068937-55-3	Siloxanes and silicones, di-Me, 3-hydroxypropyl Me, ethoxylated propoxylated	4B
068937-76-8	Fatty acids, C16-20	3
068952-35-2	Polyphosphoric acids, sodium salts	3
068952-95-4	Soaps, stocks, vegetable-oil, acidulated	3
068953-01-5	Fatty acids, tall-oil, esters with ethoxylated sorbitol	3
068953-58-2	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	3
068953-96-8	Benzenesulfonic acid, mono-C11-13-branched alkyl derivatives, calcium salts	3
068954-91-6	Poly(oxy-1,2-ethanediyl), alpha-(3-carboxy-1-oxosulfopropyl)- omega -hydroxy-, C10-12-alkyl ethers, disodium salts	3
068955-19-1	Sodium C12-18 alkyl sulfate	3
068955-83-9	Fatty acids, C9-13-neo-, cobalt salts	3
068956-56-9	Hydrocarbons, terpene processing by-products	3
068956-68-3	Vegetable oil	3
068987-49-5	1,3-Benzenedicarboxylic acid, polymer with 5-amino-1,3,3,-trimethylcyclohexanemethanamine and 2,2-bis(hydroxymethyl)-1,3-propanediol, cyclohexylamine-modified, stearate	3
068987-90-6	Poly(oxy-1,2-ethanediyl), alpha-(octylphenyl)- omega -hydroxy-, branched	3
068990-20-5	Aldehydes, C2-4, condensation products with acetone, dehydrated, hydrogenated, distillation residues	3
068990-53-4	Glycerides, C14-22-linear, mono-	3
068990-83-0	Cedarwood oil	3

CAS No.	Formulant Names	List No.
069011-36-5	Polyoxyethylene trimethyldecyl alcohol	3
069011-84-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(octylphenoxy)-, branched, sodium salt	3
069029-39-6	Polyoxyethylene polypropylene mono(di-sec-butylphenyl) ether	3
069227-21-0	Alcohols, C12-C18, ethoxylated propoxylated	4B
069430-24-6	Cyclosiloxanes, di-Me	3
070131-67-8	Siloxanes and silicones, di-Me, hydroxy-terminated	3
070191-76-3	Benzenesulfonic acid, oxybis(hexadecyl-, disodium salt	3
070247-83-5	1,3-Butadiene, 2-methyl-, homopolymer, of cis-1,4-configuration, cyclized, phenol-modified	3
070321-63-0	Oils, lanolin	3
070528-83-5	Benzenesulfonic acid, dodecyl-, branched, calcium salts	3
070657-70-4	2-Methoxy-1-propyl acetate	3
070693-06-0	Aromatic hydrocarbons, C9-C11	3
070851-21-7	Siloxanes and Silicones, di-Me, (C3-33-alkyloxy)-terminated	3
070880-56-7	Oxirane, methyl-, polymer with oxirane, mono[2,4,6-tris(1-phenylethyl)phenyl] ether	3
070892-59-0	Montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O), calcined	3
071011-24-0	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, salts with bentonite	3
071011-26-2	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compounds with hectorite	3
071011-27-3	Quarternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chlorides, compounds with hectorite	3
071216-01-8	Urea, N,N''-1,5-naphthalenediylbis[N'-[3-[(2-ethylhexyl)oxy]propyl]-	3
071889-01-5	Silane, chlorotrimethyl-, hydrolysis products with silica	3
072102-84-2	2,4,6(1H,3H,5H)-Pyrimidinetrione, 5-[(2,3-dihydro-6-methyl-2-oxo-1H-benzimidazol-5-yl)azo]-	3
072623-83-7	Lubricating oils (petroleum), C>25, hydrotreated bright stock-based	3
072623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	3
072854-21-8	Zirconium napththenate	3
073038-25-2	Poly(oxy-1,2-ethanediyl), alpha-isotridecyl-omega-hydroxy-, phosphate	4B
073398-61-5	Glycerides, mixed decanyol and octanyol	3
073398-89-7	Basic Violet 11:1	3
073570-52-2	Phenoxazin-5-ium, 3,7-bis(diethylamino)-, nitrate	3
073665-22-2	Poly(oxy-1,2,ethanediyl), alpha-sulfo- omega - hydroxy-, C6-10-alkyl ethers, sodium salts	3
073718-60-2	2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-3-sulfophenyl)azo]-, calcium salt	3
074499-36-8	9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed 2-ethylhexyl and Me and pentyl derivatives	3
075247-18-6	Copper,[N,N, N',N',N'',N''-hexaethyl-29H,31H-phthalocyanine-C,C,C-trimethanaminato(2-)-N29,N30, N31,N32]-,tris(dodecylbenzenesulfonate)	3

CAS No.	Formulant Names	List No.
078226-09-8	Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-1-, monosodium salt, polymer with 2-propenoic acid	4B
078330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated	3
078330-21-9	Alcohols, C11-14-iso-, C13-rich, ethoxylated	3
078330-24-2	Poly(oxy-1,2-ethanediyl),.alpha.-hydro-.omega.-hydroxy-, mono-C11-14-isoalkyl ethers, C13-rich, phosphates	4B
078491-02-8	Diazolidinyl urea	3
080206-82-2	Alcohols, C12-C14	3
084133-50-6	Alcohols, C12-14-secondary, ethoxylated	3
084649-84-3	Dimethyl C12-14 amine	3
084989-14-0	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives, calcium salts	3
085507-79-5	1,2-Benzenedicarboxylic acid, diundecyl ester, branched and linear	3
085711-55-3	Fatty acid, tall-oil, compounds with oleylamine	3
088526-46-9	Fatty acids, tall-oil, polymers with Et acrylate, 2-hydroxyethyl methacrylate, isophthalic acid, Me methacrylate, methacrylic acid, trimellitic acid and trimethylolpropane	3
090045-36-6	Ginkgo biloba L., root extract	3
090194-26-6	Benzenesulfonic acid, 4-C10-14-alkyl derivatives, calcium salts	3
091053-39-3	Calcined diatomaceous earth	2
092113-31-0	Hydrolyzed collagen	3
093763-70-3	Perlite, expanded	4A
098730-04-2	2H-1,4-Benzoxazine, 4-(dichloroacetyl)-3,4-dihydro-3-methyl-	3
099607-70-2	Acetic acid, [(5-chloro-8-quindinyl)oxy]-, 1-methylhexyl ester (9Cl)	4B
099734-09-5	Polyethylene glycol mono(tristyrylphenyl) ether	4B
100338-43-8	Sorbitan monooleate	3
102980-04-1	Phenolsulfonic acid-phenol-formaldehyde-urea condensate, sodium salt	3
103112-35-2	Fenchlorazole	3
104133-09-7	Tetraethoxysilane, polymer with hexamethyldisiloxane	3
104376-75-2	Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, styrenated	3
105362-40-1	Triethanolamine, compound with poly(oxyethylene) tristyrylphenyl ether phosphate	4B
105859-97-0	Lignin, alkali, reaction products with disodium sulfite and formaldehyde	3
106842-44-8	Siloxanes and silicones, 3-((2-aminoethyl)-amino)-2-methylpropyl Me, di-Me	3
108419-34-7	Acetic acid, C9-C11-branched alkyl esters, C10-rich	4B
111330-30-4	Naphthalenesulfonic acid, (1-methylpropyl)-, sodium salt	3
111381-89-6	1,2-Benzenedicarboxylic acid, heptyl nonyl ester, branched and linear	3
111381-90-9	1,2-Benzenedicarboxylic acid heptyl undecyl ester, branched and linear	3
111381-91-0	1,2-Benzenedicarboxylic acid, nonyl undecyl ester, branched and linear	3
112567-52-9	Naphthalenesulfonic acid, bis(1-methylpropyl)-, sodium salt	3
112926-00-8	Silica gel, pptd., cryst.-free	4A
112945-52-5	Silica, amorphous, fumed, cryst.-free	4A
117875-77-1	Sulfuric acid, mono-C10-16-alkyl esters, compounds with triethanolamine	3

CAS No.	Formulant Names	List No.
119345-04-9	Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts	3
119724-54-8	Methyl methacrylate-methacrylic acid-monomethoxypolyethylene glycol methacrylate copolymer	3
120962-03-0	Canola oil	4A
121888-67-3	Quarternary ammonium compounds, benzylbis(hydrogenated tallow alkyl)methyl, bis(hydrogenated tallow)	3
125304-04-3	Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl, branched and linear	3
127036-24-2	Poly(oxy-1,2-ethanediyl),.alpha.-undecyl-.omega.-hydroxy-, branched and linear	4B
127087-87-0	Polyethylene glycol, mono(p-nonylphenol) ether, branched	3
134180-76-0	Oxirane, methyl-, polymer with oxirane, mono[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl] ether	4B
139626-73-6	Linseed oil, polymer with maleic anhydride and tung oil, ammonium salt	3
141959-43-5	Naphthalenesulfonic acid, methyl-, reaction products with formaldehyde, sodium salts	3
147900-93-4	Fatty acids, C18-unsaturated, trimers, compounds with oleylamine	3
150678-63-0	Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(4-nonylphenoxy)-, branched	3
152143-22-1	Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched, phosphates	3
170424-64-3	Siloxanes and silicones, hydroxy Me, Me octyl, Me(.gamma.-.omega.-perfluoro C8-14-alkyl)-oxy, ethers with polyethylene glycol monomethyl ether	3
395075-23-7	Fatty acids, tall-oil, polymers with bisphenol A, epichlorohydrin, ethylene-manuf.-by-product dicyclopentadiene-conc. alkenes, ethylene-manuf.-by-product piperylene-cut alkenes and maleic anhydride, compds. with diethanolamine	3
	2-AMINO-4,5-DIHYDRO-6-METHYL-4-PROPYL-5-TRIAZOLO(1,5-C)PYRIMIDIN-5-ONE	3
	57022 BLUE DISPERSION	3
	A-52 BIP	3
	A-55T PROPELLANT	3
	Acetic acid, esters with lanolin alcohols	3
	ACRYLOID B-66 X	3
	ACUSOL 810A	3
	ADHESIVE #WD-3494	3
	AEF 107892 (OR: AE F107892)	3
	AGENT 1811-46	3
	AGNIQUE ME 2212	3
	AIRFLOW	3
	Alcohols-C12-14 secondary, beta (2-hydroxyethoxy)-ethoxylated	3
	Alfalfa, ground	4A
	ALIPHATIC HYDROCARBON SOLVENT	2
	ALIZARINE FAST BLUE RB	3
	ALKALI FAST GREEN 2G	3
	ALKAMULS CO-40	3

CAS No.	Formulant Names	List No.
	Alkyl (C8-C24) benzenesulfonic acid calcium salt	3
	ALKYL PHENOL-HYDROXY POLYOXYETHYLENE	3
	ALOE CON UP-40	3
	ALUMINUM FLAKE PASTE #1171-D	3
	ALUMINUM OXIDE C	3
	AMEROXOL OE-10	3
	AMSCO SOLVENT F	3
	Animal by-products	4A
	Animal fats, 100% purity	4A
	ANTIFOAM D.B.110	3
	ANTIFOAM FD-62	3
	ANTIFOAM THIND30	3
	Apple	4A
	Apple juice flavouring	4A
	ARYLAN SC30	3
	ATLOX 3429F	3
	ATTAPLUS 300	3
	Barley	4A
	BASE OIL BG 30/97	3
	Basil oil	4A
	BCP 62	3
	Beef fat	4A
	Beef tallow	4A
	Benzene,1,1'-(1,3,3-trimethyl-1-propene-1,3-diyl)bis-	3
	BERNEL ESTER 603	3
	BERNEL ESTER DCA	3
	BEVALOID 211	3
	BIMETHYLPOLYSILOXANE, ANTIFOAM	3
	BIOPOLYMER XB-23	3
	BIOSOFT S-100	3
	BLANDOL	3
	BLUE LIQUID COLOUR #357	3
	BLUE PIGMENT DISPERSION AQ-6003	3
	BP OIL ENERPAR 014	3
	Bran	4A
	Bread crumbs	4A
	BRIGHT GREEN DISPERSION #RD-30529	3
	Butanedioic acid, sulfo-1,4-bis-(2-ethylhexyl) ester, sodium salt	3
	CAB-O-SIL H-5	3

CAS No.	Formulant Names	List No.
	CALCOZINE RED BG LIQUID	3
	CAM-5	3
	Canary seeds	4A
	CAO-1	3
	CAPRYLIC/CAPRIC TRIGLYCERIDE	3
	CARBON BLACK DISPERSION	3
	CARBON BLACK PVC DISPERSION 83 B142	3
	CARBON BLACK S160	3
	CARRI-ALL 24/48	3
	CARSANON N-10	3
	Cassia gum	3
	CASUL 79 HF	3
	C-BASE	3
	CEDEPHOS CG-600	3
	CELATOM MP-78	3
	CELATOM MP-79	3
	CELLOSIZE QP 4400H	3
	Cheese	4B
	CHELATE CRYSTAL 220	3
	CHEMAX CS-100	3
	CHEMAX DF-10	3
	Chicken broth	4A
	CHITOSANIDE 222	3
	CHROMOPHTAL BROWN 5R AZO PIGMENT	3
	CHROMOPHTAL ORANGE	3
	CIRRASOL G-1096	3
	CLAY, ARKALITE	3
	Coconut shell powder/flour	4A
	Collodial oatmeal protein	4A
	COLLOID 675	3
	COLLOID IV	3
	Cookie crumbs	4A
	Corn (in one of various forms such as cobs, meal, flour)	4A
	CRAIE SUPERFINE 300	3
	Croscarmellose sodium	3
	D&C BROWN #1	3
	D-75 SOLVENT	3
	DAIMLITE	3
	DARVAN NR3	3

CAS No.	Formulant Names	List No.
	DEFOAMER D	3
	DEHYDOL 980	3
	DETHOX AMINE C-5	3
	Di(cocoalkyl)methyl amine hydrochlorides	3
	DICALITE 412 SP	3
	DICAPRYL ADIPATE	3
	Dodecylbenzene sulfonic acid, aminoethyl-ethanolamine salt (96-98%) and impurities (2-4%)	3
	DOLOCRON 4013	3
	Douglas fir bark	4A
	DRAKEOL 35	3
	DREW LIQUIFLEX R BR2046	3
	DRY ARTISWEET 01161	3
	DRYRITE	3
	DYE POLAR BRILLIANT BLUE RAWL EX	3
	EMERALD GREEN LAKE 9207	3
	EMULGEN 910	3
	EMULPON EL 10	3
	EMULPON EL 20	3
	EMULSOGEN NP11-300	3
	EO-PO 61	3
	ESTRANOL H NA	3
	ETH FLY AALVM	3
	ETHANOL SD3A	3
	ETHOXYLAN 1686	3
	ETHYLAN TT-15	3
	Fatty acids, sunflower oil, conjugated, mx. products with triethanolamine	3
	FC PINK 502S	3
	FD&C BLUE #1 LAKE	3
	Fish meal	4B
	Flavour, aniseed	4A
	Flavour, artificial butter	4A
	Flavour, artificial toasted rice	4A
	Flavour, bacon and cheese	4B
	Flavour, cheese	4B
	FOAM BAN MS-550	3
	FOAMASTER	3
	FOAMTROL WP-55	3
	Food starch, modified	4B

CAS No.	Formulant Names	List No.
	FP 172F ISOPARAFFINIC HYDROCARBON	2
	Fragrance (components must be reported to PMRA prior to acceptance of use in pesticide product)	3
	FWA-24	3
	GENEROL AG-821	3
	GEON LATEX 460 X 46	3
	GEROPON TK-93	3
	GL. BL. W/B MILL BASE IX-107	3
	Glycerinated gelatin	4A
	Grain	4A
	Grain(s), mixed vegetable	4A
	GREEN #8 POWDER	3
	Gum powder	4B
	HALLCOMID M18-0L	3
	HELIOGEN BLUE 6930	3
	HELIOGEN BLUE 6975F	3
	HETESTER PCA	3
	HEXATOL CS 20/30	3
	HODAG ANTIFOAM HC-401	3
	HOE 107892 TECHNICAL	3
	HOE S 3510	3
	Honey	4A
	HOSTAPAL TP 2347	3
	HOSTAPHAT TP 2342	3
	HYDROCARBON PROPELLANT 40-46 PSI	3
	Hydrolyzed animal protein	4A
	HYPERMER LP1	3
	IGEPON T-22A	3
	INDUSTRIAL METHYLATED SPIRITS 660P	2
	Insect parts, milled	4B
	Isostearoamphopropionate	3
	Ivory Snow	4B
	KAOLLOID CLAY #1432	3
	KLEA 134A	3
	KLORAMINE OP 545	3
	Knox unflavoured gelatin	4A
	LACTIC CASEIN MM-3	3
	LAMPBLACK 30	3
	LANODANT DM	3

CAS No.	Formulant Names	List No.
	LAPONITE RD	3
	Lard	4A
	LAUREX CS	3
	LECITHIN B-65	3
	LITHOL RUBINE K4566	3
	LOROL C8-98	3
	LURANTINE SUPRA TURP BLUE FBL	3
	LUSTRA-PEARL GLIMMER 8917	3
	LUSTRA-PEARL GOLD 8914	3
	MANOSIL K320	3
	MARBLE WHITE 3225	3
	MAZU DF 1300A	3
	Meat meal	4A
	MERGAL K9N	3
	MERGAL WP1	3
	METHYL ESTER, C-65	3
	Methylchloroisothiazolinone	3
	METSO 1048	3
	MIBK RESIDUAL SOLVENT	3
	MICA 20	3
	MICROSORB 300 LVM	3
	Middllings	4A
	Milk (raw and processed forms)	4B
	Millet seed	4A
	Milo (sorghum) seed/grain	4A
	MILSLIP NW TALC	3
	MINEX 4	3
	Mint apple jelly	4A
	MIRASOL 12-A-0176 ROSIN	3
	MIXED FATTY ACIDS	3
	MIXTURE OF DILUTED NUTRIENT SOLUTION, PHOSPHATE BUFFER AND WATER	3
	MODAL	3
	Molasses	4A
	MONO PROP PA50	3
	MONOLAN	3
	MV-23LO EMULSION (ACRYLIC POLYMER)	3
	N-ALKYL DIMETHYL AMINE HYDROCHLORIDE	3
	NANSA HS 80SF	3

CAS No.	Formulant Names	List No.
	NATRASOL PLUS	3
	NAXONATE SX	3
	NEKAL WS-25	3
	NETREX 55	3
	NEUTRALIZER 19	3
	NINATE 401-HF	3
	NP 403	3
	NUTRAPON TD 3792	3
	NUXTRA CALCIUM, 10%	3
	Oat protein	4A
	ODORLESS INSECTICIDE BASE OIL	2
	OIL, SAFFLO	3
	OLEO	3
	Onions (yellow, peeled, and crushed)	4A
	ORZAN	3
	ORZAN A	3
	Oxidized polyethylene	3
	PANASOL AN-3	3
	PARAFFIN BASED ODOURLESS OIL	2
	PARAFFINIC PETROLEUM OIL, LIGHT	2
	Peanut butter	4B
	Peat moss	4A
	PENNY ROYAL	3
	PETROLEUM HYDROCARBONS, SYNTHETIC ISOPARAFFINIC	2
	PHASE B-1	3
	PHASE B-17	3
	PHASE B-30	3
	PHASE B-5	3
	Phenol,2,4,6-tris(1-methyl-1-phenylethyl)-	3
	PHTHALO BLUE C844-7262	3
	PHTHALO BLUE DISPERSION - UNISPERSE BLUE	3
	PHTHALO BLUE G TINT C.I. #74160	3
	PHTHALO GREEN DISPERSION - UNISPERSE GREEN	3
	PIKES PEAK CLAY S6	3
	PINE TAR OIL	3
	PLURONIC L-61	3
	Poly(methylene-p-tert-butylphenoxy) poly(ethyleneoxy) ethanol #102	3
	POLYESTER NON WOVEN FABRIC	3
	POLYETHYLENE 715	3

CAS No.	Formulant Names	List No.
	POLYETHYLENE SORBITOL TETRAOLEATE	3
	Polyolefin wax	3
	POLYOX WSRN-10	3
	Polyoxyethylene tristyrylphenol phosphate, potassium salt	3
	POLYQUART H81	3
	Poly-TFE, alpha-chloro-omega-(1-chloro-1-fluoroethyl)-	3
	Poly-TFE, alpha-hydro-omega-(2,2-dichloro-2-fluoroethyl)-	3
	POLYUREA-TYPE POLYMER	3
	Potato starch/flour	4B
	Poultry liver	4A
	Poultry meal	4A
	1-Propanol-2-butoxy	3
	PVC 106 PM	3
	PVP K-20	3
	QUEST N2304	3
	QUESTAL SPECIAL	3
	QUESTAL/QUESTROL SPECIAL	3
	RATTAN POWDER	3
	RED MARANTA DYE	3
	REDAPAC SA 406	3
	RESYN 5733	3
	RETZANOL NP 40	3
	RHODOPOL G	3
	RHODORSIL	3
	Rice (or rice meal)	4A
	SAG 100 (OR: SAG-100)	3
	SAG 720	3
	SATIAXANE CX91	3
	SER-X 325 TALC	3
	SGP-150	3
	SHELL BASE OIL 50	2
	SHELLBLAST AGGREGATE AD6M	3
	SHELLSOL E	2
	Shortening	4A
	Shorts	4B
	SILCOLAPSE M430	3
	SILICA AEROGEL	3
	SILICON-ANTISCHAUMEMULSION STE	3
	Silkworm pupae	4A

CAS No.	Formulant Names	List No.
	SIPON LCS 98	3
	SIPON N-70	3
	SOAPANOX	3
	Sodium alumino silicate	3
	Sodium diamyl sulfoncuccinate	3
	Sodium isopropyl-isohexyl-naphthalene sulfonate	3
	SODIUM SALT OF A COPOLYMER OF METHACRYLIC ACID	3
	SOFFORM DPNA (NYLON/POLYETHYLENE SHEET)	3
	Sorghum grits, refined grade1-876	4A
	SOYA DIETHANOLAMID	3
	Soybeans	4B
	SPONTO 227	3
	SPONTO H714N	3
	STA-FRESH C	3
	STEOL CS-270S	3
	STEPAN AGENT 1059-106	3
	STEPWET DF-95	3
	STP RED PVC DISPERSION RD-26351	3
	SULFACIDE BLUE 5J	3
	SULFACIDE BRILLIANT BLUE 5J50	3
	Sunflower seeds	4A
	SUPER CLOTH (WOVEN JUTE/COTTON MATERIAL)	3
	Super treat pig crave	4A
	SUPERCLEAN 2223C-70, CLEAR 0001DB	3
	SUPERNAT 50S	3
	SUPRAGIL WP	3
	SURFACTANT BLEND RF	3
	SURFACTOL NP-10	3
	SURFYNOL 131	3
	SURFYNOL T.G.	3
	SUSPENO 201	3
	SUZERITE SF-80	3
	SYNPERONIC PE/P75	3
	TALC ULTRAFINE 15	3
	TALCRON MP 50-26	3
	TALFIL #325	3
	Tall oil rosin mixture	3
	TAMOL 731-SD	3
	TAMOL PP	3

CAS No.	Formulant Names	List No.
	TECH-O 11-O8O	3
	TERIC PP	3
	TERRIC 200	3
	TETRHYDROTHIOPHANE	3
	TILYTRIAZOLE	3
	TK110-C	3
	T-MULZ	3
	T-MULZ A-02	3
	TOXIMUL TA-8	3
	TRACERITE	3
	TRIBUTYL PHENOL	3
	TRITON X-300	3
	TROSOL CD-1	3
	TROYKYD ANTI-SKIN B	3
	TT935 RHEOLOGY MOD. (ACRYLIC POLYMER)	3
	ULTRALEC P	3
	VANSIL W	3
	VATSOL	3
	Vegetable oil (hydrogenated)	4A
	VERDI GREEN DYE	3
	VINYL RESIN VAGH	3
	VYNAMON BLUE SA-FW	3
	WACKER SILICONE SE 24	3
	Walnut shells	4A
	Wheat (in various forms)	4B
	Whey	4B
	WITCO C-5602	3
	WITCONATE K DENSE	3
	Wood bark (flour/powder)	4A
	XANFLO 4000	3
	XYLENE RANGE AROMATIC SOLVENT	2
	YARMOR 302	3
	Yeast	4A
	YELKIN TS SOYA LECITHIN	3

Appendix II PMRA Consolidated List of Formulants Sorted by List Number

CAS No.	Formulant Names	List No.
	PMRA List 1 Formulants	
000068-12-2	Dimethyl formamide	1
000075-09-2	Methylene chloride	1
000078-59-1	Isophorone	1
000081-88-9	Rhodamine B	1
000117-84-0	Dioctyl phthalate	1
000123-31-9	Hydroquinone	1
000103-23-1	Adipic acid, bis(2-ethylhexyl) ester	1
001330-78-5	Triorthocresylphosphate	1
008001-58-9	Coal tar creosote	1
	PMRA List 2 Formulants	
000075-37-6	1,1-Difluoroethane	2
000075-45-6	Monochlorodifluoromethane	2
000075-52-5	Nitromethane	2
000080-62-6	Methyl methacrylate	2
000084-66-2	Diethyl phthalate	2
000085-68-7	Butyl benzyl phthalate	2
000086-73-7	Fluorene	2
000095-14-7	1,2,3-Benzotriazole	2
000096-29-7	Methyl ethyl ketoxime	2
000097-88-1	Butyl methacrylate	2
000100-41-4	Ethylbenzene	2
000100-44-7	alpha-Chlorotoluene	2
000102-06-7	1,3-Diphenylguanidine	2
000102-71-6	Triethanolamine	2
000105-99-7	Adipic acid, dibutyl ester	2
000106-88-7	1,2-Butylene oxide	2
000107-05-1	Propene, 3-chloro-	2
000107-21-1	1,2-Ethanediol	2
000107-98-2	2-Methoxy-1-methylethanol	2
000108-10-1	Methyl isobutyl ketone	2
000108-88-3	Toluene	2
000108-94-1	Cyclohexanone	2
000110-82-7	Cyclohexane	2
000111-42-2	Diethanolamine	2
000111-76-2	Butyl cellosolve	2

Appendix II PMRA Consolidated List of Formulants Sorted by List Number

CAS No.	Formulant Names	List No.
	PMRA List 1 Formulants	
000068-12-2	Dimethylformamide	
000075-09-2	Methylene chloride	
000078-59-1	Isophorone	
000081-88-9	Rhodamine B	
000117-84-0	Dioctyl phthalate	
000123-31-9	Hydroquinone	
[illegible]	Adipic acid, bis(2-ethylhexyl) ester	
[illegible]	Tris(2-chloroethyl) phosphate	
[illegible]	[illegible]	
	PMRA List 2 Formulants	
000071-55-6	1,1,1-Trichloroethane	
[illegible]	[illegible]	
000075-52-5	Nitromethane	
000080-62-6	Methyl methacrylate	
000084-66-2	Diethyl phthalate	
000085-68-7	Butyl benzyl phthalate	
000091-20-3	Naphthalene	
000095-63-6	1,2,4-Trimethylbenzene	
000096-29-7	Methyl ethyl ketoxime	
000097-88-1	Butyl methacrylate	
000100-41-4	Ethylbenzene	
000100-44-7	alpha-Chlorotoluene	
000102-06-7	1,3-Diphenylguanidine	
000102-71-6	Triethanolamine	
000105-60-2	Aminocaproic lactam	
000106-93-4	1,2-Dibromoethane	
000107-05-1	Propene, 3-chloro-	
000107-21-1	1,2-Ethanediol	
000107-98-2	2-Methoxy-1-methylethanol	
000108-10-1	Methyl isobutyl ketone	
000108-88-3	Toluene	
000108-94-1	Cyclohexanone	
000110-82-7	Cyclohexane	
000111-42-2	Diethanolamine	
000111-76-2	Butyl cellosolve	

CAS No.	Formulant Names	List No.
000111-77-3	Diethylene glycol monomethyl ether	2
000111-90-0	Diethylene glycol monoethyl ether	2
000112-34-5	Diethylene glycol monobutyl ether	2
000123-72-8	Butyraldehyde	2
000131-11-3	Dimethyl phthalate	2
000149-30-4	2-Mercaptobenzothiazole	2
000482-89-3	(delta(sup 2,2')-Biindoline)-3,3'-dione	2
000534-13-4	1,3-Dimethyl-2-thiourea	2
001314-23-4	Zirconium oxide	2
001330-20-7	Xylene	2
005131-66-8	1-Butoxy-2-propanol	2
007440-48-4	Cobalt	2
007778-50-9	Potassium dichromate	2
008002-05-9	Petroleum	2
008052-41-3	Stoddard solvent	2
014567-73-8	Tremolite	2
014808-60-7	Silica, crystalline (quartz)	2
017068-78-9	Asbestos, anthophyllite	2
018299-54-2	Ethylenediamine hydrochloride	2
025339-17-7	Isodecyl alcohol	2
025498-49-1	[2-(2-Methoxymethylethoxy)methylethoxy]propanol	2
025550-14-5	Ethylmethylbenzene	2
029385-43-1	Methyl-1H-benzotriazole	2
064365-06-6	Isoparaffinic petroleum hydrocarbon	2
064741-65-7	Naphtha (petroleum), heavy alkylate	2
064741-66-8	Naphtha (petroleum), light alkylate	2
064741-73-7	Distillates (petroleum), alkylate	2
064741-88-4	Mineral oil, petroleum distillates, solvent-refined (mild) heavy paraffinic	2
064741-89-5	Mineral oil, petroleum distillates, solvent-refined (mild) light paraffinic	2
064741-96-4	Mineral oil, petroleum distillates, solvent-refined (mild) heavy naphthenic	2
064742-06-9	Extracts (petroleum), middle distillate solvent	2
064742-14-9	Distillates (petroleum), acid treated light	2
064742-46-7	Distillates (petroleum), hydrotreated middle	2
064742-47-8	Distillates (petroleum), hydrotreated light	2
064742-48-9	Naphtha	2
064742-52-5	Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic	2
064742-53-6	Mineral oil, petroleum distillates, hydrotreated (mild) light naphthenic	2
064742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	2
064742-56-9	Distillates (petroleum), solvent dewaxed light paraffinic distillate	2

CAS No.	Formulant Names	List No.
064742-57-0	Residual oils (petroleum), hydrotreated	2
064742-58-1	Lubricating oils (petroleum), hydrotreated spent	2
064742-62-7	Residual oils (petroleum), solvent-dewaxed	2
064742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	2
064742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	2
064742-88-7	Solvent naphtha (petroleum), medium aliphatic	2
064742-89-8	Solvent naphtha (petroleum), light aliphatic	2
064742-94-5	Solvent naphtha (petroleum), heavy aromatic	2
064742-95-6	Solvent naphtha (petroleum), light aromatic	2
064742-96-7	Solvent naphtha (petroleum), heavy aliphatic	2
064742-98-9	Distillates (petroleum), oxidized light	2
064771-72-8	Paraffins (petroleum), normal C5-20	2
068334-30-5	Fuels, diesel	2
068476-30-2	Fuel oil, No. 2	2
068476-31-3	Fuel oil, No. 4	2
068476-77-7	Lubricating oils, refined use	2
068477-31-6	Distillates (petroleum), cat. reformer fractionator residue, low boiling	2
068512-02-7	Benzene, (tetrapropenyl) derivatives	2
068527-23-1	Naphtha (petroleum), light steam-cracked aromatic	2
068920-06-9	Xylene range aromatic solvent	2
091053-39-3	Calcined diatomaceous earth	2
	ALIPHATIC HYDROCARBON SOLVENT	2
	FP 172F ISOPARAFFINIC HYDROCARBON	2
	INDUSTRIAL METHYLATED SPIRITS 660P	2
	ISOPARAFFINIC HYDROCARBON	2
	ISOPARAFFINIC HYDROCARBON, LIGHT	2
	MOHAWK 150N BASE OIL	2
	ODORLESS INSECTICIDE BASE OIL	2
	PARABASE OIL, SHELL	2
	PARAFFIN BASED ODOURLESS OIL	2
	PARAFFIN SOLVENT, LOW ODOR (LOPS)	2
	PARAFFINIC PETROLEUM OIL, LIGHT	2
	PETROLEUM HYDROCARBONS, SYNTHETIC ISOPARAFFINIC	2
	SHELL BASE OIL 50	2
	SHELL SOL 3139	2
	SHELLSOL E	2
	XYLENE RANGE AROMATIC SOLVENT	2
	PMRA List 3 Formulants	
000052-51-7	Bronopol	3

CAS No.	Formulant Names	List No.
64742-57-0	Residual oils (petroleum), hydrotreated	2
64742-58-1	Lubricating oils (petroleum), hydrotreated spent	2
64742-62-7	Residual oils (petroleum), solvent-dewaxed	2
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	2
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	2
64742-88-7	Solvent naphtha (petroleum), medium aliphatic	2
64742-89-8	Solvent naphtha (petroleum), light aliphatic	
64742-94-5	Solvent naphtha (petroleum), heavy aromatic	
64742-95-6	Solvent naphtha (petroleum), light aromatic	
64742-96-7	Solvent naphtha (petroleum), heavy aliphatic	
[illegible]	Distillates (petroleum), [illegible]	
64771-72-8	Paraffins (petroleum), normal C5-20	
[illegible]	Fuels, diesel	
68476-30-2	Fuel oil No. 2	
68476-31-3	Fuel oil, No. 4	
[illegible]	[illegible]	
[illegible]	Distillates (petroleum), [illegible]	
[illegible]	Residues (petroleum), [illegible]	
[illegible]	Naphtha (petroleum), [illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	
	ALIPHATIC HYDROCARBON SOLVENT	
	[illegible] HYDROCARBONS	
	[illegible]	
	ISOPARAFFINIC HYDROCARBONS	
	ISOPARAFFINIC HYDROCARBONS, LIGHT	
	MOHAWK [illegible] BASE OIL	
	ODORLESS INSECTICIDE BASE OIL	
	PARABASE OIL, SHELL	
	PARAFFIN BASED [illegible] OIL	
	PARAFFIN SOLVENT, LOW [illegible]	
	PARAFFINIC PETROLEUM OIL, LIGHT	
	PETROLEUM HYDROCARBONS, SYNTHETIC ISOPARAFFINIC	
	SHELL BASE OIL [illegible]	
	SHELL SOL [illegible]	
	SHELLSOL [illegible]	
	XYLENE RANGE AROMATIC SOLVENT	
	PMRA List 3 Formulants	
[illegible]	[illegible]	

CAS No.	Formulant Names	List No.
000054-21-7	Sodium salicyate	3
000058-95-7	Vitamin E acetate	3
000060-00-4	Ethylenediaminetetraacetic acid	3
000060-29-7	Ethane, 1,1'-oxybis-	3
000061-73-4	C.I. Basic Blue 9	3
000064-02-8	Ethylenediaminetetraacetic acid, tetrasodium salt	3
000066-71-7	1,10-Phenanthroline	3
000067-56-1	Methyl alcohol	3
000067-64-1	Acetone	3
000067-68-5	Dimethyl sulfoxide	3
000074-87-3	Methyl chloride	3
000074-89-5	Methylamine	3
000074-98-6	Propane	3
000075-07-0	Acetaldehyde	3
000075-28-5	Isobutane	3
000075-31-0	Isopropylamine	3
000075-65-0	tert-Butanol	3
000076-06-2	Trichloronitromethane	3
000076-22-2	Camphor	3
000076-59-5	Bromthymol blue	3
000077-71-4	5,5-Dimethylhydantoin	3
000077-93-0	Triethy citrate	3
000078-66-0	3,6-Dimethyl-4-octyne-3,6-diol	3
000078-83-1	Isobutyl alcohol	3
000078-92-2	sec-Butanol	3
000078-93-3	Methyl ethyl ketone	3
000079-20-9	Acetic acid, methyl ester	3
000080-26-2	alpha-Terpineol acetate	3
000081-07-2	Saccharin	3
000081-11-8	4,4'-Diamino-2,2'-stilbenedisulfonic acid	3
000081-48-1	C.I. Solvent Violet 13	3
000082-38-2	1-(Methylamino)-9,10-anthracenedione	3
000085-40-5	Tetrahydrophthalimide	3
000085-83-6	2-Naphthol, 1-((4-(o-tolylazo)-o-tolyl)azo)-	3
000085-86-9	C.I. Solvent Red 23	3
000087-69-4	Tartaric acid	3
000088-24-4	2,2'-Methylenebis(4-ethyl-6-tert-butylphenol)	3
000088-97-1	Benzoic acid, 2-(aminocarbonyl)	3
000089-83-8	Thymol	3

CAS No.	Formulant Names	List No.
000090-80-2	delta-Gluconolactone	3
000091-20-3	Naphthalene	3
000092-52-4	Biphenyl	3
000093-83-4	Oleic acid diethanolamide	3
000094-26-8	Butyl p-hydroxybenzoate	3
000095-63-6	1,2,4-Trimethylbenzene	3
000097-86-9	Methacrylic acid, isobutyl ester	3
000097-99-4	Tetrahydrofurfuryl alcohol	3
000098-55-5	alpha-Terpineol	3
000098-82-8	Cumene	3
000098-92-0	Nicotinomide	3
000100-51-6	Benzyl alcohol	3
000100-52-7	Benzaldehyde	3
000100-97-0	Hexamethylenetetramine	3
000101-02-0	Phosphorous acid, triphenyl ester	3
000101-67-7	Benzenamine, 4-octyl-N-(4-octylphenyl)-	3
000101-68-8	1,1'-Methylenebis(4-isocyanatobenzene)	3
000103-24-2	Bis(2-ethylhexyl) azelate	3
000104-15-4	p-Toluenesulfonic acid	3
000104-46-1	p-Anethole	3
000104-55-2	Cinnamaldehyde	3
000104-76-7	2-Ethyl-1-hexanol	3
000105-45-3	Acetoacetic acid, methyl ester	3
000105-54-4	Butyric acid, ethyl ester	3
000105-55-5	N,N'-Diethylthiourea	3
000106-24-1	2,6-Octadien-1-ol, 3,7-dimethyl-, (E)-	3
000106-63-8	Acrylic acid, isobutyl ester	3
000106-70-7	Hexanoic acid, methyl ester	3
000106-84-3	Drapex 3.2	3
000106-97-8	n-Butane	3
000107-15-3	Ethylenediamine	3
000107-22-2	Glyoxal	3
000107-39-1	2,4,4-Trimethyl-1-pentene	3
000107-40-4	2,2,4-Trimethyl-3-pentene	3
000107-41-5	Hexylene glycol	3
000107-64-2	Dimethyl dioctadecyl ammonium chloride	3
000107-89-1	3-Hydroxybutyraldehyde	3
000108-01-0	Ethanol, 2-dimethylamino-	3
000108-05-4	Acetic acid, vinyl ester	3

CAS No.	Formulant Names	List No.
000108-21-4	Isopropyl actetate	3
000108-32-7	Propylene glycol cyclic carbonate	3
000108-63-4	Hexanedioic acid, bis(1-methylheptyl) ester	3
000108-65-6	1-Methoxy-2-propyl acetate	3
000108-67-8	Mesitylene	3
000108-83-8	Diisobutyl ketone	3
000108-91-8	Cyclohexylamine	3
000109-52-4	n-Valeric acid	3
000109-99-9	Tetrahydrofuran	3
000110-12-3	5-Methyl-2-hexanone	3
000110-16-7	Maleic acid	3
000110-27-0	Isopropyl myristate	3
000110-30-5	Octadecanamide, N,N'-1,2-ethanediylbis-	3
000110-42-9	Decanoic acid, methyl ester	3
000110-43-0	Methyl n-amyl ketone	3
000110-63-4	1,4-Butanediol	3
000110-91-8	Morpholine	3
000111-01-3	Squalane	3
000111-11-5	Octanoic acid, methyl ester	3
000111-30-8	Glutaraldehyde	3
000111-40-0	Diethylenetriamine	3
000111-46-6	Diethylene glycol	3
000111-60-4	Ethylene glycol monostearate	3
000111-66-0	1-Caprylene	3
000111-82-0	Dodecanoic acid, methyl ester	3
000111-87-5	1-Octanol	3
000111-96-6	Ether, bis(2-methoxyethyl)	3
000112-02-7	N,N,N-Trimethyl-1-hexadecanaminium chloride	3
000112-05-0	Nonanoic acid	3
000112-18-5	N,N-Dimethyldodecylamine	3
000112-24-3	Triethylenetetramine	3
000112-25-4	Ethanol, 2-(hexyloxy)	3
000112-27-6	Triethylene glycol	3
000112-57-2	Tetraethylenepentamine	3
000112-68-6	Hexdecyl dimethylamine	3
000112-69-6	N,N-Dimethyl-1-hexadecanamine	3
000112-75-4	N,N-Dimethyl-1-tetradecanamine	3
000112-88-9	1-Octadecene	3
000112-92-5	1-Octadecanol	3

CAS No.	Formulant Names	List No.
000115-40-2	4,4'-(3H-2,1-Benzoxathiol-3-ylidene)bis(2-bromo-6-methylphenol)	3
000115-86-6	Phosphoric acid, triphenyl ester	3
000118-56-9	Homomenthyl salicylate	3
000118-60-5	2-Ethylhexyl salicylate	3
000118-71-8	4H-Pyran-4-one, 3-hydroxy-2-methyl-	3
000119-36-8	Methyl salicylate	3
000120-18-3	2-Naphthalenesulfonic acid	3
000120-40-1	N,N-Bis(2-Hydroxyethyl)dodecanamide	3
000120-47-8	Ethyl p-hydroxybenzoate	3
000120-57-0	Piperonaldehyde	3
000121-00-6	2-tert-Butyl-4-methoxyphenol	3
000121-32-4	Ethyl vanillin	3
000121-33-5	Vanillin	3
000121-44-8	Triethylamine	3
000121-79-9	Gallic acid, propyl ester	3
000122-20-3	Triisopropanolamine	3
000122-62-3	Sebacic acid, bis(2-ethylhexyl)ester	3
000122-72-5	1-Propanol, 3-phenyl-, acetate	3
000122-99-6	Phenoxy ethanol	3
000123-26-2	N,N'-Ethylenebis(12-hydroxyactadecanamide)	3
000123-42-2	Diacetone alcohol	3
000123-77-3	Azodicarboxamide	3
000123-86-4	Acetic acid, butyl ester	3
000123-92-2	3-Methyl-1-butanol, acetate	3
000123-94-4	Octadecanoic acid, 2,3-dihydroxypropyl ester	3
000123-99-9	Azelaic acid	3
000124-04-9	Adipic acid	3
000124-13-0	1-Octanal	3
000124-28-7	N,N-Dimethyloctadecylamine	3
000124-38-9	Carbon dioxide	3
000124-40-3	Dimethylamine	3
000124-68-5	2-Amino-2-methyl-1-propanol	3
000125-12-2	Isobornyl acetate	3
000126-14-7	Sucrose octaacetate	3
000126-73-8	Phosphoric acid, tributyl ester	3
000126-86-3	2,4,7,9-Tetramethyl-5-decyne-4,7-diol	3
000128-37-0	Butylated hydroxytoluene	3
000128-44-9	Saccharin sodium	3
000129-17-9	C.I. Acid Blue 1, sodium salt	3

CAS No.	Formulant Names	List No.
000130-22-3	2-Anthracenesulfonic acid, 9,10-dihydro-3,4-dihydroxy-9,10-dioxo-, monosodium salt	3
000131-57-7	2-Hydroxy-4-methoxy benzophenone	3
000134-09-8	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, 2-aminobenzoate	3
000134-31-6	8-Hydroxyquinoline sulfate	3
000136-51-6	Calcium 2-ethylhexanoate	3
000136-52-7	2-Ethylhexanoic acid cobalt salt	3
000136-53-8	Zinc 2-ethylhexoate	3
000137-16-6	Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	3
000137-20-2	N-Methyl-N-oleoyltaurine, sodium salt	3
000138-86-3	alpha-Limonene	3
000139-13-9	Aminotriethanoic acid	3
000139-33-3	Disodium ethylenediaminetetraacetate	3
000139-89-9	Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate	3
000139-96-8	Triethanolamine lauryl sulfate	3
000140-01-2	Pentasodium diethylenetriaminepentaacetate	3
000140-11-4	Benzyl actetate	3
000140-66-9	4-(1,1,3,3-Tetramethylbutyl)phenol	3
000141-04-8	Diisobutyl adipate	3
000141-32-2	Butyl acrylate	3
000141-43-5	Ethanolamine	3
000141-92-4	Octanal, 7-hydroxy-3,7-dimethyl-, dimethyl acetal	3
000142-47-2	Glutamic acid, sodium salt	3
000142-77-8	9-Octadecenoic acid, butyl ester (Z)-	3
000142-78-9	N-(2-Hydroxyethyl)dodecanamide	3
000142-82-5	Heptane	3
000142-91-6	Isopropyl palmitate	3
000143-08-8	1-Nonanol	3
000144-62-7	Oxalic acid	3
000149-11-1	Hexanoic acid, 2-ethyl-, copper(2) salt	3
000149-57-5	2-Ethylhexanoic acid	3
000151-21-3	Dodecyl sulfate, sodium salt	3
000300-92-5	Aluminum hydroxide distearate	3
000366-18-7	2,2'-Bipyridine	3
000461-58-5	Dicyanodiamide	3
000496-46-8	Glycouril	3
000518-47-8	C.I. Acid Yellow 73	3
000520-45-6	Dehydroacetic acid	3
000533-74-4	Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione,	3
000540-10-3	Palmitic acid, hexadecyl ester	3

CAS No.	Formulant Names	List No.
000540-97-6	Dodecamethylcyclohexasiloxane	3
000541-02-6	Decamethylcyclopentasiloxane	3
000554-13-2	Lithium carbonate	3
000556-67-2	Octamethylcyclotetrasiloxane	3
000587-98-4	Benzenesulfonic acid, 3-((4-(phenylamino)phenyl)azo)-, monosodium salt	3
000593-81-7	Trimethylamine, hydrochloride	3
000624-54-4	Propanoic acid, pentyl ester	3
000627-83-8	Ethylene glycol distearate	3
000628-63-7	Amyl acetate	3
000629-11-8	1,6-Hexanediol	3
000629-70-9	1-Hexadecanol acetate	3
000633-03-4	Ammonium, (4-(p-(diethylamino)-alpha-phenylbenzylidene)-2,5-cyclohexadien-1-ylidene) diethyl-,sulfate (1:1)	3
000633-96-5	C.I. Acid Orange 7, monosodium salt	3
000637-39-8	Triethanolamine hydrochloride	3
000822-06-0	1,6-Diisocyanatohexane	3
000828-00-2	6-Acetoxy-2,4-dimethyl-m-dioxane	3
000842-07-9	2-Napthalenol, 1-(phenylazo)	3
000872-50-4	N-Methyl-2-pyrrolidinone	3
000915-67-3	C.I. Acid Red 27, trisodium salt	3
000929-06-6	2-(2-Aminoethoxy)ethanol	3
000989-38-8	C.I. Basic Red 1	3
001077-56-1	N-Ethyl-2-methyl-benzenesulfonamide	3
001103-39-5	1-Naphthalenesulfonic acid, 2-((2-hydroxy-1-naphthalenyl)azo)-, calcium salt (2:1)	3
001111-78-0	Ammonium carbamate	3
001191-50-0	Tetradecyl sulfate, sodium salt	3
001300-72-7	Xylenesulfonic acid, sodium salt	3
001303-96-4	Borax	3
001308-14-1	Chromic acid	3
001308-38-9	Chrome oxide (Cr2O3)	3
001310-65-2	Lithium hydroxide	3
001310-66-3	Lithium hydrate	3
001317-33-5	Molybdenum disulfide	3
001317-34-6	Manganese(III) oxide	3
001317-38-0	Copper oxide	3
001317-71-1	Olivine	3
001317-80-2	Rutile	3
001318-23-6	Boehmite (Al(OH)O)	3
001318-59-8	Chlorite	3

CAS No.	Formulant Names	List No.
001318-74-7	Kaolinite	3
001320-67-8	1,2-Propanediol, monomethyl ether	3
001321-69-3	Naphthalenesulfonic acid, sodium salt	3
001321-94-4	Methylnaphthalene	3
001322-93-6	Diisopropylnaphthalenesulfonic acid, sodium salt	3
001330-38-7	C.I. Direct Blue 86	3
001330-39-8	Copper phthalocyanine trisulfonic acid	3
001330-43-4	Disodium tetraborate	3
001331-61-9	Dodecylbenzenesulfonic acid, ammonium salt	3
001332-37-2	Iron oxide	3
001333-86-4	Carbon black	3
001336-93-2	Manganese naphthenate	3
001338-02-9	Copper naphthenate	3
001338-14-3	Naphthenic acids, iron salts	3
001338-24-5	Naphthenic acid	3
001589-47-5	2-Methoxy-1-propanol	3
001599-67-3	1-Docosene	3
001643-20-5	N,N-Dimethyldodecylamine oxide	3
001762-95-4	Ammonium thiocyanate	3
001934-21-0	C.I. Acid Yellow 23, trisodium salt	3
001945-78-4	Benzothiazole, 2,2'-methylenebis-	3
001948-33-0	tert-Butylhydroquinone	3
002050-08-0	2-Hydroxybenzoic acid, pentyl ester	3
002082-79-3	Ocatdecyl 3-(3',5'-di-tert-butyl-4'-hydroxyphenyl)propionate	3
002235-54-3	Dodecyl sulfate, ammonium salt	3
002321-07-5	Fluorescein	3
002390-60-5	C.I. Basic Blue 7	3
002425-85-6	C.I. Pigment Red 3	3
002440-22-4	2-(2H-Benzotriazol-2-yl)-4-methylphenol	3
002457-01-4	Barium 2-ethylhexanoate	3
002492-26-4	2-Mercaptobenzothiazole, sodium salt	3
002605-78-9	N,N-Dimethyloctylamine N-oxide	3
002610-11-9	C.I. Direct Red 81, disodium salt	3
002634-33-5	1,2-Benzisothiazolin-3-one	3
002650-18-2	C.I. Acid Blue 9, diammonium salt	3
002682-20-4	3(2H)-Isothiazolone, 2-methyl-	3
002772-45-4	Phenol, 2,4-bis(1-methyl-1-phenylethyl)-	3
002783-94-0	C.I. Food Yellow 3	3
002836-32-0	Glycolic acid, sodium salt	3

CAS No.	Formulant Names	List No.
002855-13-2	Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-	3
002991-51-7	Glycine, N-ethyl-N-((heptadecafluorooctyl)sulfonyl)-, potassium salt	3
003006-15-3	Sodium 1,4-dihexyl sulfosuccinate	3
003068-39-1	Xanthylium, 3,6-bis(ethylamino)-9-[2-(methoxycarbonyl)phenyl]-2,7-dimethyl-, chloride	3
003088-31-1	2-(2-Dodecyloxyethoxy)ethyl sodium sulfate	3
003164-85-0	Potassium 2-ethylhexanoate	3
003251-23-8	Copper nitrate	3
003380-34-5	2,4,4'-Trichloro-2-hydroxy diphenyl ether	3
003452-07-1	1-Eicosene	3
003486-30-4	C.I. Acid Blue 7, sodium salt	3
003567-66-6	C.I. Acid Red 33, disodium salt	3
003567-69-9	C.I. Acid Red 14, disodium salt	3
003586-55-8	Ethylene glycol bis(semiformal)	3
003734-33-6	Denatonium benzoate	3
003734-67-6	C.I. Acid Red 1	3
003811-04-9	Potassium chlorate	3
003844-45-9	C.I. Acid Blue 9, disodium salt	3
003896-11-5	2-(2-Hydroxy-3-tert-butyl-5-methylphenyl)-5-chloro-2H-benzotriazole	3
003910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3-phenyl-	3
004065-45-6	2-Hydroxy-4-methoxybenzophenone-5-sulfonic acid	3
004080-31-3	Hexamethylenetetramine chloroallyl chloride	3
004247-02-3	Benzoic acid, p-hydroxy-, isobutyl ester	3
004368-56-3	2-Anthracenesulfonic acid,1-amino-4-(cyclohexylamino)-9, 10-dihydro-9,10-dioxo-, monosodium salt	3
004395-65-7	C.I. Solvent Blue 68	3
004403-90-1	C.I. Solvent Green 25	3
004474-24-2	C.I. Acid Blue 80	3
004940-11-8	2-Ethyl-3-hydroxy-4H-pyran-4-one	3
005137-55-3	Tricaprylyl methyl ammonium chloride	3
005281-04-9	C.I. Pigment Red 57:1	3
005329-14-6	Sulfamic acid	3
005333-42-6	2-Octyldodecanol	3
005392-40-5	Citral	3
005437-45-6	Benzyl bromoacetate	3
005466-77-3	2-Ethylhexyl-p-methoxycinnamate	3
005850-16-8	C.I. Acid Brown 14, disodium salt	3
006152-33-6	[1,1'-Biphenyl]-2-ol, sodium salt, tetrahydrate	3
006197-30-4	2-Ethylhexyl 2-cyano-3,3-diphenylacrylate	3
006247-34-3	2-Anthracenesulfonic acid, 4-[[4-(acetylamino)phenyl]amino]-1-amino-9,10-dihydro-9,10-dioxo-	3

CAS No.	Formulant Names	List No.
006303-21-5	Hypophosphorus acid	3
006317-18-6	Thiocyanic acid, methylene ester	3
006358-31-2	C.I. Pigment Yellow 74	3
006358-37-8	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-methylphenyl)-3-oxo-	3
006362-80-7	Benzene, 1,1'-(1,1-dimethyl-3-methylene-1,3-propanediyl)bis-	3
006408-78-2	C.I. Acid Blue 25	3
006408-78-2	C.I. Acid Blue 25	3
006408-80-6	C.I. Acid Blue 145	3
006417-83-0	2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(1-sulfo-2-naphthalenyl)azo]-, calcium salt (1:1)	3
006422-86-2	Terephthalic acid, bis(2-ethylhexyl) ester	3
006440-58-0	Dimethylol-5,5-dimethylhydantoin	3
006535-46-2	2-Naphthalenecarboxamide, 3-hydroxy-N-(2-methylphenyl)-4-[(2,4,5-trichlorophenyl)azo]-	3
006700-85-2	Cobalt octanoate	3
006938-94-9	Diisopropyl adipate	3
006969-49-9	n-Octyl salicylate	3
007000-29-5	Calcium magnesium carbonate	3
007023-61-2	C.I. Pigment Red 48, calcium salt	3
007091-57-8	8-Quinolinol, benzoate (salt)	3
007235-40-7	beta-Carotene, all-trans-	3
007376-31-0	Ethanol, 2,2',2"-nitrilotris-, sulfate (salt)	3
007396-58-9	1-Decanamine, N-decyl-N-methyl-	3
007429-90-5	Aluminum (metal)	3
007439-96-5	Manganese	3
007440-50-8	Copper	3
007440-67-7	Zirconium	3
007447-41-8	Lithium chloride	3
007631-90-5	Sodium bisulfite	3
007631-95-0	Sodium molybdate	3
007632-00-0	Sodium nitrite	3
007632-04-4	Perboric acid, sodium salt	3
007664-41-7	Ammonia	3
007681-11-0	Potassium iodide (KI)	3
007722-84-1	Hydrogen peroxide	3
007723-14-0	Phosphorus (red)	3
007727-43-7	Barium sulfate (1:1)	3
007733-02-0	Zinc sulphate (1:1)	3
007757-79-1	Potassium nitrate	3

CAS No.	Formulant Names	List No.
007757-83-7	Sodium sulfite	3
007773-01-5	Manganese chloride	3
007775-09-9	Sodium chlorate	3
007775-14-6	Sodium dithionite	3
007775-27-1	Peroxydisulfuric acid, disodium salt	3
007789-20-0	Water, heavy (D2-O)	3
008000-27-9	Oil of cedarwood	3
008000-29-1	Oil of citronella	3
008000-48-4	Eucalyptus oil	3
008001-21-6	Sunflower seed oil	3
008001-39-6	Vegetable wax	3
008001-97-6	Aloe vera gel	3
008002-26-4	Tall oil	3
008003-22-3	C.I. Solvent Yellow 33	3
008003-34-7	Pyrethrum	3
008004-92-0	C.I. Acid Yellow 3	3
008006-90-4	Peppermint oil	3
008007-02-1	Oil of lemongrass	3
008007-70-3	Oil of anise	3
008008-20-6	Kerosene (deodorized)	3
008008-51-3	Oil of camphor	3
008012-95-1	Paraffin oils	3
008013-01-2	Yeast extract	3
008013-07-8	Epoxidized soybean oil	3
008014-09-3	Oils, patchouli	3
008016-11-3	Epoxidized linseed oil	3
008022-96-6	Essential oils	3
008027-33-6	Alcohols, lanolin	3
008029-76-3	Hydroxylated lecithin	3
008030-30-6	Naphtha	3
008047-99-2	N-Ethyltoluenesulfonamide	3
008050-09-7	Rosin	3
008050-15-5	Resin acids and rosin acids, hydrogenated, Me esters	3
008050-81-5	Simethicone	3
008051-30-7	Coconut oil, reaction products with diethanolamine	3
008052-42-4	Asphalt	3
008061-53-8	Lignosulfonic acid, ammonium salt	3
008068-05-1	Lignin sulphate	3
009000-28-6	Ghatti gum	3

CAS No.	Formulant Names	List No.
009000-59-3	Shellac	3
009000-65-1	Gum tragacanth	3
009002-18-0	Agar	3
009002-84-0	Polytetrafluoroethylene	3
009002-93-1	Polyoxyethylene 4-(1,1,3,3-tetramethylbutyl)phenyl ether	3
009003-13-8	Butoxypropylene glycol	3
009004-57-3	Cellulose, ethyl ether	3
009004-87-9	Ethoxylated isooctylphenol	3
009004-94-8	Poly(oxy-1,2-ethanediyl), alpha-(1-oxohexadecyl)- omega -hydroxy-	3
009005-53-2	Lignin solids	3
009007-13-0	Resin acids and rosin acids, calcium salts	3
009007-16-3	Acrylic acid, polymer with sucrose polyallyl ether	3
009010-66-6	Zein	3
009010-88-2	Ethyl acrylate, copolymer with methyl methacrylate	3
009012-54-8	Enzyme concentrate, dry matter	3
009014-01-1	Subtilisin	3
009016-00-6	Poly(oxy(dimethylsilylene))	3
009016-87-9	Polymethylenepolyphenylene isocyanate	3
009043-30-5	Polyoxyethylene isotridecyl ether	3
009046-01-9	Polyethylene glycol mono tributylphenyl ether	3
009046-09-7	Polyethylene glycol mono tributylphenyl ether	3
009069-80-1	Naphthalenesulfonic acid, polymer with formaldehyde, ammonium salt	3
010024-97-2	Nitrous oxide	3
010025-77-1	Iron (3) chloride, hexahydrate	3
010031-43-3	Copper(II) nitrate, trihydrate (1:2:3)	3
010043-35-3	Boric acid (H3BO3)	3
010043-67-1	Potassium aluminum sulfate	3
010137-74-3	Calcium chlorate	3
010192-30-0	Ammonium acid sulfite	3
010192-32-2	1-Tetracosene	3
010197-71-4	Phthalic acid, sodium salt	3
010294-56-1	Phosphorous acid	3
010378-23-1	Tetrasodium ethylenediamine tetraacetate dihydrate	3
010545-99-0	Chlorine sulfide	3
011081-15-5	Isooctyl phenol	3
011099-07-3	Octadecanoic acid, ester with 1,2,3-propanetriol	3
011117-11-6	Benzenesulfonic acid, tetrapropylene-, calcium salt	3
011296-00-8	White carbon	3
012030-88-5	Potassium superoxide	3

CAS No.	Formulant Names	List No.
012040-43-6	Silicic acid, aluminum magnesium sodium salt	3
012135-86-3	Serpentime (or: Antigorite, Lisardite)	3
012136-45-7	Potassium oxide	3
012173-10-3	Clinoptilolite	3
012179-04-3	Boric acid (H2B4O7)), disodium salt, pentaborate	3
012225-06-8	2-Naphthalenecarboxamide, N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-hydroxy-4-[[2-methoxy-5-[(phenylamino) carbonyl]phenyl]azo]-	3
012225-21-7	C.I. Pigment Yellow 100	3
012227-89-3	C.I. Pigment Black 11	3
012236-62-3	C.I. Pigment Orange 36	3
012236-86-1	C.I. Reactive Blue 21	3
012239-87-1	Copper, (chlorophthalocyaninato(2-))	3
012401-86-4	Sodium monoxide	3
012768-78-4	C.I. Acid Green 16	3
013081-34-0	Polyoxyethylene S-ether with dodecylmercaptan	3
013081-97-5	Octadecanoic acid, 2,2-bis(hydroxymethyl)-1,3-propanediyl ester	3
013467-82-8	Octaneperoxoic acid, 1,1-dimethylethyl ester	3
013515-40-7	C.I. Pigment Yellow 73	3
014356-36-6	4-Dodecylbenzenesulfonic acid, butylamine salt	3
014751-87-2	Acetohydroxamic acid, N-fluoren-2-yl-, cobalt(2) complex	3
015782-05-5	C.I. Pigment Red 48:3	3
015956-58-8	2-Ethyl hexanoic acid, manganese salt	3
016068-46-5	Potassium phosphate	3
016291-96-6	Charcoal	3
016423-68-0	Fluorescein, 2',4',5',7'-tetraiodo, disodium salt { Spiro(isobenzofuran) tautomeric form }	3
016521-38-3	C.I. Pigment Blue 63	3
017354-14-2	C.I. Solvent Blue 35	3
017572-97-3	Ethylenediaminetetraacetic acid, tripotassium salt	3
017804-49-8	2,7-Naphthalenedisulfonic acid,	3
018282-10-5	Tin oxide	3
018820-29-6	Manganese sulfide	3
018835-33-1	1-Hexacosene	3
019381-50-1	C.I. Acid Green 1	3
019549-80-5	4,6-Dimethyl-2-heptanone	3
020427-58-1	Zinc hydroxide	3
021245-02-3	4-(Dimethylamino)benzoic acid, 2-ethylhexyl ester	3
021564-17-0	Thiocyanic acid, (2-benzothiazolylthio)methyl ester	3
022464-99-9	2-Ethylhexanoic acid, zirconium salt	3

CAS No.	Formulant Names	List No.
023783-26-8	Acetic acid, hydroxyphosphono-	3
024938-91-8	Polyoxyethylene tridecyl ether	3
025013-16-5	Butylated hydroxyanisole	3
025035-69-2	Methacrylic acid, polymer with butyl acryate and methyl methacrylate	3
025068-38-6	Bisphenol A - epichlorohydrin condensate	3
025104-37-4	Poly(vinyl ethyl ether)	3
025133-97-5	2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate	3
025154-85-2	Vinyl chloride - isobutyl vinyl ether copolymer	3
025155-30-0	Dodecybenzenesulfonic acid, sodium salt	3
025167-81-1	Dichorophenol	3
025265-71-8	Dipropylene glycol	3
025265-77-4	2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	3
025417-20-3	Dibutylnaphthalenesulfonic acid, sodium salt	3
025446-78-0	Ethanol, 2-[2-[2-(tridecyloxy)ethoxy]ethoxy]-, hydrogen sulfate, sodium salt	3
025550-98-5	Diiosodecylphenyl phosphite	3
025551-13-7	Trimethylbenzene	3
025608-33-7	Methyl methacrylate, copolymer with butyl methacrylate	3
025638-17-9	Butylnaphthalenesulfonic acid, sodium salt	3
025655-41-8	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex	3
025766-59-0	Polycarbonate	3
025791-96-2	Poly(oxypropylene) glycol triether	3
025852-37-3	Methyl methacrylate, copolymer with butyl acrylate	3
026009-03-0	Polyglycolic acid	3
026172-55-4	3(2H)-Isothiazolone, 5-chloro-2-methyl-	3
026221-73-8	1-Octene, polymer with ethene	3
026249-20-7	Ucar butylene oxide 12 (Obs.)	3
026254-89-7	Diethyl butyral	3
026264-05-1	Dodecylbenzenesulfonic acid, isopropylamine salt	3
026264-06-2	Dodecylbenzenesulfonic acid, calcium salt	3
026264-58-4	Methylnaphthalenesulfonic acid, sodium salt	3
026266-58-0	Sorbitan trioleate	3
026447-40-5	4,4'-,2,4'-,2,2'-Diisocyanatodiphenylmethane	3
026530-20-1	2-Octyl-4-isothiazolin-3-one	3
026635-93-8	N,N'-Bis(polyoxyethylene)oleylamine	3
026658-19-5	Sorbitan tristearate	3
026761-40-0	Diisodecyl phthalate	3
026952-21-6	Isooctanol	3
027138-31-4	Dipropylene glycol dibenzoate	3

CAS No.	Formulant Names	List No.
027176-87-0	Dodecylbenzenesulfonic acid	3
027177-77-1	Dodecylbenzenesulfonic acid, potassium salt	3
027178-16-1	Adipic acid, diisodecyl ester	3
027178-87-6	Dimethylnaphthalenesulfonic acid, sodium salt	3
027193-83-5	Monochlorophenoxy acetic acid	3
027193-86-8	Dodecylphenol	3
027213-90-7	Diiosobutylnaphthalenesulfonic acid, sodium salt	3
027253-28-7	Neodecanoic acid, lead salt	3
027253-31-2	Cobalt neodeconoate	3
027253-32-3	Neodecanoic acid, manganese salt	3
027253-33-4	Calcium neodecanoate	3
027321-96-6	Glycols, polyethylene, monocholesteryl ether	3
027323-41-7	Dodecylbenzenesulfonic acid, triethanolamine salt	3
027344-41-8	Benzenesulfonic acid, 2,2'-(4,4'-biphenylylenedivinylene)di-, disodium salt	3
027360-07-2	Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy)butane and ethenol	3
027458-92-0	Isotridecyl alcohol	3
027479-28-3	Benzenemethanaminium, N-dodecyl-ar-ethyl-N,N-dimethyl-, chloride	3
027479-29-4	Benzenemethanaminium, ar-ethyl-N,N-dimethyl-N-tetradecyl-, chloride	3
027576-86-9	Phenol, (1-methyl-1-phenylethyl)-	3
027756-15-6	Acrylic acid-stearyl methacrylate copplymer	3
028262-63-7	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and methyl	3
028348-64-3	Isopropylnaphthalenesulfonic acid, sodium salt	3
028724-32-5	Poly(oxy-1,2-ethanediyl), alpha, alpha'-[(methyloctadecyliminio)di-2,1-ethanediyl]bis[omega -hydroxy-, chloride	3
029116-98-1	Sorbide dioleate	3
029190-28-1	1,3-Benzenediol, 2,4-bis[(dimethylphenyl)azo]-	3
029733-18-4	Pentanedioic acid, diisodecyl ester	3
030231-49-3	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and butyl 2-propenoate	3
030846-35-6	Formaldehyde, polymer with 4-nonylphenol and oxirane	3
031069-81-5	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate and ethyl 2-propenoate	3
031694-55-0	Poly(oxy-1,2-ethanediyl), alpha, alpha', alpha''-[1,2,3-propanetriyltris]- omega -hydroxy-	3
031799-71-0	Poly(oxy-1,2-ethanediyl), alpha, alpha'-[[(1-oxo-9-octadecenyl)imino]di-2,1-ethanediyl]bis[omega -hydroxy-, (Z)-	3
031807-55-3	Isododecane	3
031983-27-4	2,6-Octadienenitrile, 3,7-dimethyl-, (Z)-	3
032360-05-7	2-Propenoic acid, 2-methyl-, octadecyl ester	3
032612-48-9	Dodecanol, ethoxylated, monoether with sulfuric acid, ammonium salt	3
032628-06-1	Poly(oxy-1,2-ethanediyl), alpha-(1-oxohexadecyl)- omega -[(1-oxohexadecyl)oxy]-	3

CAS No.	Formulant Names	List No.
033703-08-1	Diisononyl adipate	3
034149-92-3	Polyvinyl acetate chloride	3
034375-28-5	2-(Hydroxymethylamino)ethanol	3
035691-65-7	2-Bromo-2(bromomethyl)pentanedinitrile	3
037251-69-7	Polyoxyethylene polyoxypropylene mono(nonylphenyl) ether	3
037314-65-1	Lignosulfonic acid, potassium salt	3
037971-36-1	2-Phosphonobutane-1,2,4-tricarboxylic acid	3
038640-62-9	Naphthalene, bis(1-methylethyl)-	3
039390-62-0	Epoxide 8	3
039393-37-8	Sanitizer 711	3
040372-66-5	1,2,4-Butanetricarboxylic acid, 2-phosphono-, sodium salt	3
042808-36-6	Sulfonated butyl oleate, sodium salt	3
051158-08-8	Poly(oxy-1,2-ethanediyl), alpha-hydro- omega -hydroxy-, ether with 1,2,3-propanetriol monooctadecanoate (2:1)	3
051229-78-8	Hexamethylenetetramine chloroallyl chloride, cis isomer	3
051243-47-1	2-Propenoic acid, butyl ester, polymer with ethenylbenzene and ethyl 2-propenoate	3
051274-00-1	C.I. Pigment Yellow 42	3
051617-74-4	Ethanol, 2-amino-, compound with alpha-sulfo- omega -(nonylphenoxy)poly(oxy-1,2-ethanediyl)	3
051730-94-0	Propanol, (methyl-2-phenoxyethoxy)-	3
051774-11-9	Isoheptanol (or: Isoheptylic alcohol solution)	3
052232-27-6	Oxirane, methyl-, polymer with oxirane, methyl 2-propenyl ether	3
052821-24-6	1H-Benz[de]isoquinoline-1,3(2H)-dione, 2-(3-hydroxypropyl)-6-[(3-hydroxypropyl)amino]-	3
052836-31-4	2,2,5-Trimethyl-3-dichoroacetyl-1,3-oxazolidine	3
053320-86-8	Lithium magnesium sodium silicate	3
054193-36-1	Sodium polymethacrylate	3
055406-53-6	3-Iodo-2-propynyl butyl carbamate	3
055965-84-9	3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	3
056863-02-6	Diethanolamide of linoleic acid	3
057455-37-5	C.I. Pigment Blue 29	3
058654-67-4	2-Octanone, 5-methyl-	3
059160-79-1	Copper, [[2,2',2"-[29H,31H-phthalocyaninetriyltris(methylene)]tris[1H-isoindole-1,3(2H)-dionato]](2-)-N29,N39,N31,N32]-	3
059487-23-9	C.I. Pigment Red 187	3
061702-78-1	Poly(oxy-1,2-ethanediyl), alpha-[1,3-dimethyl-1-(2-methylpropyl)hexyl]- omega -hydroxy-	3
061723-83-9	Poly(oxy-1,2-ethanediyl), alpha-hydro- omega -hydroxy-, ether with D-glucitol (2:1), tetra-9-octadecenoate, (all-Z)-	3
061788-46-3	Coco alkyl amines	3
061788-61-2	Fatty acids, tallow, Me esters	3

CAS No.	Formulant Names	List No.
061788-62-3	Dicoco alkylmethyl amines	3
061788-72-5	Epoxidized octyl tallate	3
061788-85-0	Castor oil, hydrogenated, ethoxylated	3
061789-01-3	Tall oil, epoxidized, 2-ethylhexyl esters	3
061789-36-4	Calcium naphthenate	3
061789-40-0	N-(Coco alkyl) amido propyl dimethyl betaine	3
061789-70-6	Benzenemethanaminium, N-(3-aminopropyl)-N,N-dimethyl-, N-coco acyl derivatives, chlorides	3
061789-77-3	Quaternary ammonium compounds, di(cocoalkyl)dimethyl, chlorides	3
061789-86-4	Petroleum sulfonic acids, calcium salts	3
061789-91-1	Jojoba bean oil	3
061790-12-3	Fatty acids, tall-oil	3
061790-31-6	Amides, tallow, hydrogenated	3
061790-33-8	Amines, tallow alkyl	3
061790-47-4	Amines, rosin alkyl	3
061790-51-0	Rosin acids, sodium salt	3
061790-66-7	Fatty acids, tall oil, compounds with diethanolamine	3
061790-81-6	Ethoxylated lanolin	3
061790-85-0	Ethoxylated N-(tallow alkyl)trimethylene diamines	3
061790-86-1	Fatty acids, tall-oil, monoesters with sorbitan, ethoxylated	3
061790-88-3	Sorbitan, tall-oil fatty acids triesters, ethoxylated	3
061791-00-2	Fatty acids, tall-oil, ethoxylated	3
061791-24-0	Amines, soya alkyl, ethoxylated	3
061791-26-2	Amines, tallow alkyl, ethoxylated	3
061791-28-4	Alcohols, tallow, ethoxylated	3
061791-38-6	1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-norcoco alkyl derivatives	3
061791-41-1	N-Methyl-N-(tall-oil acyl)taurine, sodium salt	3
061791-55-7	N-Tallow alkyltrimethylenediamines	3
061791-63-7	Amines, N-coco alkyltrimethylenedi-	3
061849-72-7	Polypropylene glycol beta-methyl glucoside ether (4:1)	3
063148-69-6	Alkyd resins (alcohols, polyhydric, polyesters)	3
063231-60-7	Paraffin waxes and hydrocarbon waxes, microcryst	3
063415-74-7	Poly[oxy(methyl-1,2-ethanediyl)], alpha-butyl- omega -(2-propenyloxy)-	3
063449-39-8	Chlorinated wax	3
063704-79-0	Nekal BA-77	3
064051-22-5	Ethanol, 2-butoxy-, hydrogen phosphate, compound with N-ethylethanamine (1:1)	3
064051-23-6	Ethanol, 2-butoxy-, dihydrogen phosphate, compound with N-ethylethanamine (1:2)	3
064147-40-6	Dehydrated castor oil	3
064365-17-9	Resin acids and rosin acids, hydrogenated, esters with pentaerythritol	3

CAS No.	Formulant Names	List No.
064366-70-7	Oxirane, methyl-, polymer with oxirane, mono(2-ethylhexyl) ether	3
064742-16-1	Petroleum resins	3
064742-43-4	Paraffin waxes, clay treated	3
064742-55-8	Distillates (petroleum), hydrotreated light paraffinic	3
064742-61-6	Slack wax	3
064755-05-1	Quaternary ammonium compounds, bis(hydroxyethyl)methyltallow alkyl, ethoxylated, chlorides	3
065087-00-5	1,3-Benzenediol, 2,4-bis[(4-dodecylphenyl)azo]-	3
065143-89-7	Hexadecyl phenoxybenzenedisulfonic acid, disodium salt	3
065497-29-2	Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride	3
065530-85-0	alpha-(Cyclohexylmethyl)-omega-hydro-poly(difluoromethylene)	3
065997-05-9	Rosin, partially dimerized	3
065997-13-9	Resin acids and rosin acids, hydrogenated, esters with glycerol	3
065997-17-3	Fibrous glass	3
066197-78-2	Nonylphenol ether with (C2H4O)9 phosphate	3
066455-14-9	Alcohols, C12-13, ethoxylated	3
067479-27-0	Aloe gum	3
067584-51-4	Glycine, N-ethyl-N-[(nonafluorobutyl)sulfonyl]-, potassium salt	3
067584-52-5	Glycine, N-ethyl-N-[(undecafluoropentyl)sulfonyl]-, potassium salt	3
067584-53-6	Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt	3
067584-62-7	Glycine, N-ethyl-N-[(pentadecafluoroheptyl)sulfonyl]-, potassium salt	3
067701-27-3	Glycerides, C14-18	3
067701-33-1	Glycerides, C14-18, mono- and di-	3
067762-19-0	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega -hydroxy-, C10-16-alkyl ethers, ammonium salts	3
067762-27-0	Alcohols, C16-18	3
067762-41-8	Alcohols, C10-16	3
067762-85-0	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polyethylene-polypropylene glycol mono-Me ether	3
067784-80-9	Soybean oil, Me ester	3
068002-94-8	Alcohols, C16-18 and C18-unsaturated	3
068002-96-0	Alcohols, C16-18, ethoxylated propoxylated	3
068002-97-1	Alcohols, C10-16, ethoxylated	3
068037-64-9	Siloxanes and silicones, di-Me, Me hydrogen reaction products with polyethylene-polypropylene glycol monoacteate allyl ether	3
068081-81-2	Benzenesulfonic acid, C10-16-alkyl derivatives, sodium salts	3
068084-55-9	Dodecylbenzenesulfonic acid, N-(2-aminoethyl)ethanolamine salt	3
068092-46-6	Benzoic acid, 3-methyl-, zinc salt	3
068092-47-7	Benzoic acid, 3-methyl-, barium salt	3
068122-86-1	Alkyl imidazolinium methyl sulfates (derived from tallow acids)	3

CAS No.	Formulant Names	List No.
068131-39-5	Alcohols, C12-15, ethoxylated	3
068131-40-8	Alcohols, C11-15-secondary, ethoxylated	3
068131-72-6	Polyphosphoric acids, esters with triethanolamine, sodium salts	3
068131-77-1	Distillates (petroleum), steam-cracked, polymerized	3
068132-50-3	Fatty acids, tall-oil, ammonium salts	3
068139-80-0	Fatty acids, tall-oil, polymers with C18-unsaturated fatty acid dimers and ethylenediamine	3
068140-00-1	Amides, coco, N-(hydroxyethyl)-	3
068152-81-8	Soybean oil, polymerized, oxidized	3
068154-97-2	Alcohols, C10-C12, ethoxylated propoxylated	3
068155-20-4	Amides, tall-oil fatty, N,N-bis(hydroxyethyl)	3
068155-39-5	Amines, C14-18 and C16-18-unsaturated alkyl, ethoxylated	3
068201-49-0	Lanolin wax	3
068213-53-6	Linseed oil, polymer with dicyclopentadiene	3
068227-33-8	6-Dodecyne-5,8-diol, 2,5,8,11-tetramethyl-	3
068308-53-2	Soya fatty acids	3
068308-54-3	Glycerides, tallow mono-, di- and tri-, hydrogenated	3
068308-74-7	N,N-Dimethyl tall-oil fatty amides	3
068309-52-4	Linseed oil, polymer with maleic anhydride and tung oil	3
068310-04-3	1,3-Benzenediol, 4-[(2,4-dimethylphenyl)azo]-2-[(4-dodecylphenyl)azo]-	3
068310-58-7	Poly(oxy-1,2-ethanediyl), alpha-[bis(phenylmethyl)phenyl]- omega -hydroxy-	3
068389-39-9	Phosphoric acid, isooctyl ester, potassium salt	3
068391-11-7	Paraldehyde and ammonia reaction product	3
068409-79-0	Fatty acids, C8-10-branched, lead salts, basic	3
068410-18-4	Fatty acids, C18-unsatd., dimers, compds. with tall-oil fatty acids and N-tallow alkyltrimethylenediamines	3
068411-31-4	Benzenesulfonic acid, C10-13-alkyl derivatives, compounds triethanolamine salt	3
068411-32-5	Benzenesulfonic acid, dodecyl-, branched	3
068412-53-3	Polyethylene glycol branched-nonylphenyl ether phosphate	3
068412-54-4	Polyoxyethylene branched-C9-alkylphenol	3
068412-54-5	Ethoxylated nonylphenol, branched	3
068412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivatives	3
068412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives	3
068425-47-8	Amides, soya, N,N-bis(hydroxyethyl)	3
068425-94-5	Residues (petroleum), catalytic reformer fractionator, sulfonated, polymers with formaldehyde, sodium salts	3
068427-35-0	5-Benzoxazolesulfonamide, 2-[7-(diethylamino)-2-oxo-2H-1-benzopyran-3-yl]-	3
068439-46-3	Alcohols, C9-11, ethoxylated	3
068439-49-6	Alcohols, C16-18, ethoxylated	3
068439-50-8	Fatty alcohol, ethoxylated	3
068439-50-9	Alcohols, C12-14, ethoxylated	3

CAS No.	Formulant Names	List No.
068439-72-5	Amines, C8-18 and C18-unsaturated alkyl, ethoxylated	3
068440-66-4	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polypropylene glycol mono-Bu ether	3
068442-09-1	Naphthalenesulfonic acid, sodium salt, isopropylated	3
068443-66-3	Ethanol, 2,2'-iminobis-, polymer with alpha-(nonylphenyl)- omega -hydroxypoly(oxy-1,2-ethanediyl) phosphate	3
068459-87-0	Oxirane, methyl-, polymer with alpha-butyl-omega-hydroxypoly(oxy-1,2-ethanediyl) and oxirane	3
068476-03-9	Fatty acids, montana-wax	3
068479-09-4	2-Propenoic acid, telomer with sodium hydrogen sulfite, sodium salt	3
068512-34-5	Lignosulfonic acid, sodium salt, sulfomethylated	3
068512-35-6	Lignin, alkali, reaction products with formaldehyde and sodium bisulfite	3
068515-44-6	1,2-Benzenedicarboxylic acid, diheptyl ester, branched and linear	3
068515-45-7	1,2-Benzenedicarboxylic acid, dinonyl ester, branched and linear	3
068515-49-1	Phthalic acid, di-C9-11-branched alkyl esters, C10-rich	3
068515-65-1	Disodium cocoamidoisopropyl sulfosuccinate	3
068515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	3
068526-85-2	Alcohols, C9-11-iso-, C10-rich	3
068526-86-3	Alcohols, C11-14-iso-, C13-rich	3
068551-12-2	Alcohols, C12-16, ethoxylated	3
068551-17-7	Alkanes, C10-13-iso-	3
068553-11-7	Glycerides, tallow mono- and di-, hydrogenated, ethoxylated	3
068554-12-1	Resin acids and Rosin acids, hydrogenated, calcium salts	3
068554-90-5	Soybean oil, polymer with p-tert-butylbenzoic acid, pentaerythritol, phthalic anhydride and trimethylolpropane	3
068583-51-7	Decanoic acid, mixed diesters with octanoic acid and propylene glycol	3
068584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives	3
068585-34-2	Alcohols, (C10-16), ethoxylated, monoether with sulfuric acid, sodium salts	3
068585-47-7	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	3
068603-42-9	Amides, coco, N,N-bis(2-hydroxyethyl)	3
068608-26-4	Petroleum sulfonic acids, sodium salts	3
068609-68-7	1-Hexanol, 2-ethyl-, manuf. of by-products from, distn. residues	3
068611-14-3	Lignosulfonic acid, ethoxylated, sodium salts	3
068647-72-3	Terpenes, orange oil	3
068647-73-4	Tea tree oil	3
068648-12-4	Polyoxypropylene ditall-oil ester	3
068648-27-1	Lanolin, hydrogenated, ethoxylated	3
068648-44-2	Pyrethrum marc	3
068648-50-0	Resin acids and Rosin acids, dimers, calcium salts	3
068649-00-3	Benzenesulfonic acid, mono-C9-17-branched alkyl derivatives, isopropylamine salts	3

CAS No.	Formulant Names	List No.
068649-29-6	Polyoxyethylene-polyoxypropylene mono-C10-16-alkyl ethers, phosphates	3
068649-55-8	Polyethylene glycol branched-nonylphenyl ether sulfate ammonium salt	3
068650-39-5	Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, disodium salts	3
068784-70-3	Propanenitrile, 3-amino-, N-tallow alkyl derivatives	3
068855-24-3	Benzene, C14-30-alkyl derivatives	3
068855-54-9	Diatomite	3
068891-11-2	Oxirane, methyl-, polymer with oxirane, mono(nonylphenyl) ether, branched	3
068891-21-4	Poly(oxy-1,2-ethanediyl),.alpha.-(dinonyphenyl)-.omega.-hydroxy-branched	3
068891-33-8	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega -(nonylphenoxy)-, branched	3
068891-38-3	Alcohols, (C12-14), ethoxylated, monoethers with branched sulfuric acid, sodium salts	3
068891-39-4	Poly(oxy-1,2-ethanediyl), alpha-sulfo- omega - (nonylphenoxy)-, branched, sodium salt	3
068909-82-0	Naphthalenesulfonic acid, bis(1-methylethyl)-, Me derivatives, sodium salts	3
068911-38-6	Fatty acids, tall-oil, dimers, polymers with azelaic acid, ethylenediamine, piperazine and polypropylene glycol diamine	3
068911-87-5	Bis(hydrogenated tallow alkyl)dimethyl ammonium salts with montmorillonite	3
068915-31-1	Polyphosphoric acids, sodium salts	3
068921-07-3	Distillates (petroleum), hydrotreated light catalytic cracked	3
068937-41-7	Phenol, isopropylated, phosphate (3:1)	3
068937-54-2	Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethoxylated	3
068937-76-8	Fatty acids, C16-20	3
068952-35-2	Polyphosphoric acids, sodium salts	3
068952-95-4	Soaps, stocks, vegetable-oil, acidulated	3
068953-01-5	Fatty acids, tall-oil, esters with ethoxylated sorbitol	3
068953-58-2	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	3
068953-96-8	Benzenesulfonic acid, mono-C11-13-branched alkyl derivatives, calcium salts	3
068954-91-6	Poly(oxy-1,2-ethanediyl), alpha-(3-carboxy-1-oxosulfopropyl)- omega -hydroxy-, C10-12-alkyl ethers, disodium salts	3
068955-19-1	Sodium C12-18 alkyl sulfate	3
068955-83-9	Fatty acids, C9-13-neo-, cobalt salts	3
068956-56-9	Hydrocarbons, terpene processing by-products	3
068956-68-3	Vegetable oil	3
068987-49-5	1,3-Benzenedicarboxylic acid, polymer with 5-amino-1,3,3,-trimethylcyclohexanemethanamine and 2,2-bis(hydroxymethyl)-1,3-propanediol, cyclohexylamine-modified, stearate	3
068987-90-6	Poly(oxy-1,2-ethanediyl), alpha-(octylphenyl)- omega -hydroxy-, branched	3
068990-20-5	Aldehydes, C2-4, condensation products with acetone, dehydrated, hydrogenated, distillation residues	3
068990-53-4	Glycerides, C14-22-linear, mono-	3

CAS No.	Formulant Names	List No.
068990-83-0	Cedarwood oil	3
069011-36-5	Polyoxyethylene trimethyldecyl alcohol	3
069011-84-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(octylphenoxy)-, branched, sodium salt	3
069029-39-6	Polyoxyethylene polypropylene mono(di-sec-butylphenyl) ether	3
069430-24-6	Cyclosiloxanes, di-Me	3
070131-67-8	Siloxanes and silicones, di-Me, hydroxy-terminated	3
070191-76-3	Benzenesulfonic acid, oxybis(hexadecyl-, disodium salt	3
070247-83-5	1,3-Butadiene, 2-methyl-, homopolymer, of cis-1,4-configuration, cyclized, phenol-modified	3
070321-63-0	Oils, lanolin	3
070528-83-5	Benzenesulfonic acid, dodecyl-, branched, calcium salts	3
070657-70-4	2-Methoxy-1-propyl acetate	3
070693-06-0	Aromatic hydrocarbons, C9-C11	3
070851-21-7	Siloxanes and Silicones, di-Me, (C3-33-alkyloxy)-terminated	3
070880-56-7	Oxirane, methyl-, polymer with oxirane, mono[2,4,6-tris(1-phenylethyl)phenyl] ether	3
070892-59-0	Montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O), calcined	3
071011-24-0	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, salts with bentonite	3
071011-26-2	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compounds with hectorite	3
071011-27-3	Quarternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chlorides, compounds with hectorite	3
071216-01-8	Urea, N,N"-1,5-naphthalenediylbis[N'-[3-[(2-ethylhexyl)oxy]propyl]-	3
071889-01-5	Silane, chlorotrimethyl-, hydrolysis products with silica	3
072102-84-2	2,4,6(1H,3H,5H)-Pyrimidinetrione, 5-[(2,3-dihydro-6-methyl-2-oxo-1H-benzimidazol-5-yl)azo]-	3
072623-83-7	Lubricating oils (petroleum), C>25, hydrotreated bright stock-based	3
072623-86-0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	3
072854-21-8	Zirconium napththenate	3
073398-61-5	Glycerides, mixed decanyol and octanyol	3
073398-89-7	Basic Violet 11:1	3
073570-52-2	Phenoxazin-5-ium, 3,7-bis(diethylamino)-, nitrate	3
073665-22-2	Poly(oxy-1,2,ethanediyl), alpha-sulfo- omega - hydroxy-, C6-10-alkyl ethers, sodium salts	3
073718-60-2	2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-methyl-3-sulfophenyl)azo]-, calcium salt	3
074499-36-8	9,10-Anthracenedione, 1,4-diamino-, N,N'-mixed 2-ethylhexyl and Me and pentyl derivatives	3
075247-18-6	Copper,[N,N, N',N',N",N"-hexaethyl-29H,31H-phthalocyanine-C,C,C-trimethanaminato(2-)-N29,N30, N31,N32]-,tris(dodecylbenzenesulfonate)	3
078330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated	3

CAS No.	Formulant Names	List No.
078330-21-9	Alcohols, C11-14-iso-, C13-rich, ethoxylated	3
078491-02-8	Diazolidinyl urea	3
080206-82-2	Alcohols, C12-C14	3
084133-50-6	Alcohols, C12-14-secondary, ethoxylated	3
084649-84-3	Dimethyl C12-14 amine	3
084989-14-0	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives, calcium salts	3
085507-79-5	1,2-Benzenedicarboxylic acid, diundecyl ester, branched and linear	3
085711-55-3	Fatty acid, tall-oil, compounds with oleylamine	3
088526-46-9	Fatty acids, tall-oil, polymers with Et acrylate, 2-hydroxyethyl methacrylate, isophthalic acid, Me methacrylate, methacrylic acid, trimellitic acid and trimethylolpropane	3
090045-36-6	Ginkgo biloba L., root extract	3
090194-26-6	Benzenesulfonic acid, 4-C10-14-alkyl derivatives, calcium salts	3
092113-31-0	Hydrolyzed collagen	3
098730-04-2	2H-1,4-Benzoxazine, 4-(dichloroacetyl)-3,4-dihydro-3-methyl-	3
100338-43-8	Sorbitan monooleate	3
102980-04-1	Phenolsulfonic acid-phenol-formaldehyde-urea condensate, sodium salt	3
103112-35-2	Fenchlorazole	3
104133-09-7	Tetraethoxysilane, polymer with hexamethyldisiloxane	3
104376-75-2	Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, styrenated	3
105859-97-0	Lignin, alkali, reaction products with disodium sulfite and formaldehyde	3
106842-44-8	Siloxanes and silicones, 3-((2-aminoethyl)-amino)-2-methylpropyl Me, di-Me	3
111330-30-4	Naphthalenesulfonic acid, (1-methylpropyl)-, sodium salt	3
111381-89-6	1,2-Benzenedicarboxylic acid, heptyl nonyl ester, branched and linear	3
111381-90-9	1,2-Benzenedicarboxylic acid heptyl undecyl ester, branched and linear	3
111381-91-0	1,2-Benzenedicarboxylic acid, nonyl undecyl ester, branched and linear	3
112567-52-9	Naphthalenesulfonic acid, bis(1-methylpropyl)-, sodium salt	3
117875-77-1	Sulfuric acid, mono-C10-16-alkyl esters, compounds with triethanolamine	3
119345-04-9	Benzene, 1,1'-oxybis-, tetrapropylene derivatives, sulfonated, sodium salts	3
119724-54-8	Methyl methacrylate-methacrylic acid-monomethoxypolyethylene glycol methacrylate copolymer	3
121888-67-3	Quarternary ammonium compounds, benzylbis(hydrogenated tallow alkyl)methyl, bis(hydrogenated tallow)	3
125304-04-3	Phenol, 2-(2H-benzotriazol-2-yl)-6-dodecyl-4-methyl, branched and linear	3
127087-87-0	Polyethylene glycol, mono(p-nonylphenol) ether, branched	3
139626-73-6	Linseed oil, polymer with maleic anhydride and tung oil, ammonium salt	3
141959-43-5	Naphthalenesulfonic acid, methyl-, reaction products with formaldehyde, sodium salts	3
147900-93-4	Fatty acids, C18-unsaturated, trimers, compounds with oleylamine	3
150678-63-0	Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(4-nonylphenoxy)-, branched	3
152143-22-1	Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched, phosphates	3

CAS No.	Formulant Names	List No.
170424-64-3	Siloxanes and silicones, hydroxy Me, Me octyl, Me(.gamma.-.omega.-perfluoro C8-14-alkyl)-oxy, ethers with polyethylene glycol monomethyl ether	3
395075-23-7	Fatty acids, tall-oil, polymers with bisphenol A, epichlorohydrin, ethylene-manuf.-by-product dicyclopentadiene-conc. alkenes, ethylene-manuf.-by-product piperylene-cut alkenes and maleic anhydride. compds. with diethanolamine	3
	1-Propanol-2-butoxy	3
	2-AMINO-4,5-DIHYDRO-6-METHYL-4-PROPYL-5-TRIAZOLO(1,5-C)PYRIMIDIN-5-ONE	3
	57022 BLUE DISPERSION	3
	A-52 BIP	3
	A-55T PROPELLANT	3
	Acetic acid, esters with lanolin alcohols	3
	ACRYLOID B-66 X	3
	ACUSOL 810A	3
	ADHESIVE #WD-3494	3
	AEF 107892 (OR: AE F107892)	3
	AGENT 1811-46	3
	AGNIQUE ME 2212	3
	AIRFLOW	3
	Alcohols-C12-14 secondary, beta (2-hydroxyethoxy)-ethoxylated	3
	ALIZARINE FAST BLUE RB	3
	ALKALI FAST GREEN 2G	3
	ALKAMULS CO-40	3
	Alkyl (C8-C24) benzenesulfonic acid calcium salt	3
	ALKYL PHENOL-HYDROXY POLYOXYETHYLENE	3
	ALOE CON UP-40	3
	ALUMINUM FLAKE PASTE #1171-D	3
	ALUMINUM OXIDE C	3
	AMEROXOL OE-10	3
	AMSCO SOLVENT F	3
	ANTIFOAM FD-62	3
	ANTIFOAM THIND30	3
	ARYLAN SC30	3
	ATLOX 3429F	3
	ATTAPLUS 300	3
	BASE OIL BG 30/97	3
	BCP 62	3
	Benzene,1,1'-(1,3,3-trimethyl-1-propene-1,3-diyl)bis-	3
	BERNEL ESTER 603	3
	BERNEL ESTER DCA	3

CAS No.	Formulant Names	List No.
	BEVALOID 211	3
	BIMETHYLPOLYSILOXANE, ANTIFOAM	3
	BIOPOLYMER XB-23	3
	BIOSOFT S-100	3
	BLANDOL	3
	BLUE LIQUID COLOUR #357	3
	BLUE PIGMENT DISPERSION AQ-6003	3
	BP OIL ENERPAR 014	3
	BRIGHT GREEN DISPERSION #RD-30529	3
	Butanedioic acid, sulfo-1,4-bis-(2-ethylhexyl) ester, sodium salt	3
	CAB-O-SIL H-5	3
	CALCOZINE RED BG LIQUID	3
	CAM-5	3
	CAO-1	3
	CAPRYLIC/CAPRIC TRIGLYCERIDE	3
	CARBON BLACK DISPERSION	3
	CARBON BLACK PVC DISPERSION 83 B142	3
	CARBON BLACK S160	3
	CARRI-ALL 24/48	3
	CARSANON N-10	3
	Cassia gum	3
	CASUL 79 HF	3
	CEDEPHOS CG-600	3
	CELATOM MP-78	3
	CELATOM MP-79	3
	CELLOSIZE QP 4400H	3
	CHELATE CRYSTAL 220	3
	CHEMAX CS-100	3
	CHEMAX DF-10	3
	CHITOSANIDE 222	3
	CHROMOPHTAL BROWN 5R AZO PIGMENT	3
	CHROMOPHTAL ORANGE	3
	CIRRASOL G-1096	3
	CLAY, ARKALITE	3
	COLLOID 675	3
	COLLOID IV	3
	CRAIE SUPERFINE 300	3
	Croscarmellose sodium	3
	D&C BROWN #1	3

CAS No.	Formulant Names	List No.
	D-75 SOLVENT	3
	DAIMLITE	3
	DARVAN NR3	3
	DEFOAMER D	3
	DEHYDOL 980	3
	DETHOX AMINE C-5	3
	Di(cocoalkyl)methyl amine hydrochlorides	3
	DICALITE 412 SP	3
	DICAPRYL ADIPATE	3
	Dodecylbenzene sulfonic acid, aminoethyl-ethanolamine salt (96-98%) and impurities (2-4%)	3
	DOLOCRON 4013	3
	DRAKEOL 35	3
	DREW LIQUIFLEX R BR2046	3
	DRY ARTISWEET 01161	3
	DRYRITE	3
	DYE POLAR BRILLIANT BLUE RAWL EX	3
	EMERALD GREEN LAKE 9207	3
	EMULGEN 910	3
	EMULPON EL 10	3
	EMULPON EL 20	3
	EMULSOGEN NP11-300	3
	EO-PO 61	3
	ESTRANOL H NA	3
	ETH FLY AALVM	3
	ETHANOL SD3A	3
	ETHOXYLAN 1686	3
	ETHYLAN TT-15	3
	Fatty acids, sunflower oil, conjugated, mx. products with triethanolamine	3
	FC PINK 502S	3
	FD&C BLUE #1 LAKE	3
	FOAM BAN MS-550	3
	FOAMASTER	3
	FOAMTROL WP-55	3
	Fragrance (components must be reported to PMRA prior to acceptance of use in pesticide product)	3
	FWA-24	3
	GENEROL AG-821	3
	GEON LATEX 460 X 46	3

CAS No.	Formulant Names	List No.
	GEROPON TK-93	3
	GL. BL. W/B MILL BASE IX-107	3
	GREEN #8 POWDER	3
	HALLCOMID M18-0L	3
	HELIOGEN BLUE 6930	3
	HELIOGEN BLUE 6975F	3
	HETESTER PCA	3
	HEXATOL CS 20/30	3
	HODAG ANTIFOAM HC-401	3
	HOE 107892 TECHNICAL	3
	HOE S 3510	3
	HOSTAPAL TP 2347	3
	HOSTAPHAT TP 2342	3
	HYDROCARBON PROPELLANT 40-46 PSI	3
	HYPERMER LP1	3
	IGEPON T-22A	3
	Isostearoamphopropionate	3
	KAOLLOID CLAY #1432	3
	KLEA 134A	3
	KLORAMINE OP 545	3
	LACTIC CASEIN MM-3	3
	LAMPBLACK 30	3
	LANODANT DM	3
	LAPONITE RD	3
	LAUREX CS	3
	LECITHIN B-65	3
	LITHOL RUBINE K4566	3
	LOROL C8-98	3
	LURANTINE SUPRA TURP BLUE FBL	3
	LUSTRA-PEARL GLIMMER 8917	3
	LUSTRA-PEARL GOLD 8914	3
	MANOSIL K320	3
	MARBLE WHITE 3225	3
	MAZU DF 1300A	3
	MERGAL K9N	3
	MERGAL WP1	3
	METHYL ESTER, C-65	3
	Methylchloroisothiazolinone	3
	METSO 1048	3

CAS No.	Formulant Names	List No.
	MIBK RESIDUAL SOLVENT	3
	MICA 20	3
	MICROSORB 300 LVM	3
	MILSLIP NW TALC	3
	MINEX 4	3
	MIRASOL 12-A-0176 ROSIN	3
	MIXED FATTY ACIDS	3
	MIXTURE OF DILUTED NUTRIENT SOLUTION, PHOSPHATE BUFFER AND WATER	3
	MODAL	3
	MONO PROP PA50	3
	MONOLAN	3
	MV-23LO EMULSION (ACRYLIC POLYMER)	3
	N-ALKYL DIMETHYL AMINE HYDROCHLORIDE	3
	NANSA HS 80SF	3
	NATRASOL PLUS	3
	NAXONATE SX	3
	NEKAL WS-25	3
	NETREX 55	3
	NEUTRALIZER 19	3
	NINATE 401-HF	3
	NP 403	3
	NUTRAPON TD 3792	3
	NUXTRA CALCIUM, 10%	3
	OIL, SAFFLO	3
	OLEO	3
	ORZAN	3
	ORZAN A	3
	Oxidized polyethylene	3
	PANASOL AN-3	3
	PENNY ROYAL	3
	PHASE B-1	3
	PHASE B-17	3
	PHASE B-30	3
	PHASE B-5	3
	Phenol,2,4,6-tris(1-methyl-1-phenylethyl)-	3
	Phenol,4-(1,1,3,3-tetramethylbutyl)-2-(1-methyl-1-phenylethyl)-	3
	PHTHALO BLUE C844-7262	3
	PHTHALO BLUE DISPERSION - UNISPERSE BLUE	3

CAS No.	Formulant Names	List No.
	PHTHALO BLUE G TINT C.I. #74160	3
	PHTHALO GREEN DISPERSION - UNISPERSE GREEN	3
	PIKES PEAK CLAY S6	3
	PINE TAR OIL	3
	PLURONIC L-61	3
	Poly(methylene-p-tert-butylphenoxy) poly(ethyleneoxy) ethanol #102	3
	POLYESTER NON WOVEN FABRIC	3
	POLYETHYLENE 715	3
	POLYETHYLENE SORBITOL TETRAOLEATE	3
	Polyolefin wax	3
	POLYOX WSRN-10	3
	Polyoxyethylene tristyrylphenol phosphate, potassium salt	3
	POLYQUART H81	3
	Poly-TFE, alpha-chloro-omega-(1-chloro-1-fluoroethyl)-	3
	Poly-TFE, alpha-hydro-omega-(2,2-dichloro-2-fluoroethyl)-	3
	POLYUREA-TYPE POLYMER	3
	PVC 106 PM	3
	PVP K-20	3
	QUEST N2304	3
	QUESTAL SPECIAL	3
	QUESTAL/QUESTROL SPECIAL	3
	RATTAN POWDER	3
	RED MARANTA DYE	3
	REDAPAC SA 406	3
	RESYN 5733	3
	RETZANOL NP 40	3
	RHODOPOL G	3
	RHODORSIL	3
	SAG 100 (OR: SAG-100)	3
	SAG 720	3
	SATIAXANE CX91	3
	SER-X 325 TALC	3
	SGP-150	3
	SHELLBLAST AGGREGATE AD6M	3
	SILCOLAPSE M430	3
	SILICA AEROGEL	3
	SILICON-ANTISCHAUMEMULSION STE	3
	SIPON LCS 98	3
	SIPON N-70	3

CAS No.	Formulant Names	List No.
	SOAPANOX	3
	Sodium alumino silicate	3
	Sodium diamyl sulfoncuccinate	3
	Sodium isopropyl-isohexyl-naphthalene sulfonate	3
	SODIUM SALT OF A COPOLYMER OF METHACRYLIC ACID	3
	SOFFORM DPNA (NYLON/POLYETHYLENE SHEET)	3
	SOYA DIETHANOLAMID	3
	SPONTO 227	3
	SPONTO H714N	3
	STA-FRESH C	3
	STEOL CS-270S	3
	STEPAN AGENT 1059-106	3
	STEPWET DF-95	3
	STP RED PVC DISPERSION RD-26351	3
	SULFACIDE BLUE 5J	3
	SULFACIDE BRILLIANT BLUE 5J50	3
	SUPER CLOTH (WOVEN JUTE/COTTON MATERIAL)	3
	SUPERCLEAN 2223C-70, CLEAR 0001DB	3
	SUPERNAT 50S	3
	SUPRAGIL WP	3
	SURFACTANT BLEND RF	3
	SURFACTOL NP-10	3
	SURFYNOL 131	3
	SURFYNOL T.G.	3
	SUSPENO 201	3
	SUZERITE SF-80	3
	SYNPERONIC PE/P75	3
	TALC ULTRAFINE 15	3
	TALCRON MP 50-26	3
	TALFIL #325	3
	Tall oil rosin mixture	3
	TAMOL 731-SD	3
	TAMOL PP	3
	TECH-O 11-O8O	3
	TERIC PP	3
	TERRIC 200	3
	TETRHYDROTHIOPHANE	3
	TILYTRIAZOLE	3
	TK110-C	3

CAS No.	Formulant Names	List No.
	T-MULZ	3
	T-MULZ A-02	3
	TOXIMUL TA-8	3
	TRACERITE	3
	TRIBUTYL PHENOL	3
	TRITON X-300	3
	TROSOL CD-1	3
	TROYKYD ANTI-SKIN B	3
	TT935 RHEOLOGY MOD. (ACRYLIC POLYMER)	3
	ULTRALEC P	3
	VANSIL W	3
	VATSOL	3
	VERDI GREEN DYE	3
	VINYL RESIN VAGH	3
	VYNAMON BLUE SA-FW	3
	WACKER SILICONE SE 24	3
	WITCO C-5602	3
	WITCONATE K DENSE	3
	XANFLO 4000	3
	YARMOR 302	3
	YELKIN TS SOYA LECITHIN	3
	PMRA List 4A Formulants	
000050-70-4	Sorbitol	4A
000050-81-7	L-Ascorbic acid	4A
000050-99-7	Dextrose	4A
000056-81-5	Glycerin	4A
000057-10-3	Hexadecanoic acid	4A
000057-11-4	Stearic acid	4A
000057-13-6	Urea	4A
000057-50-1	Sugar	4A
000063-42-3	D-(+)-Lactose	4A
000068-04-2	Sodium citrate	4A
000077-92-9	Citric acid	4A
000110-17-8	Fumaric acid	4A
000112-80-1	Oleic acid	4A
000127-09-3	Sodium acetate	4A
000144-55-8	Sodium bicarbonate	4A
000471-34-1	Calcium carbonate (no asbestos and less than 1% crystalline silica)	4A
000546-93-0	Magnesium carbonate	4A

CAS No.	Formulant Names	List No.
	T-MULZ	3
	T-MULZ A02	3
	TOXIMUL TA-8	3
	TRACERITE	3
	TRIBUTYL PHENOL	3
	TRITON X-100	3
	TROSOL CD1	3
	TROYKYD ANTI SKIN B	3
	[illegible] RHEOLOGY MOD (ACRYLIC POLYMER)	3
	ULTRALEC F	3
	VANSIL W	3
	VATSOL	3
	VERDE GREEN DYE	3
	VINYL RESIN VAGH	3
	VYNAMON BLUE [illegible]	3
	WACKER SILICONE [illegible]	3
	WITCO [illegible]	3
	WITCONATE P-1059	3
	XANTHAN 400	3
	YARMOR 302	3
	YELKIN TS SOYA LECITHIN	3
	PMRA List 4A Formulants	
000050-70-4	Sorbitol	4A
000050-81-7	L-Ascorbic acid	4A
000050-99-7	Dextrose	4A
000056-81-5	Glycerin	4A
000057-10-3	Hexadecanoic acid	4A
000057-11-4	Stearic acid	4A
000057-13-6	Urea	4A
000057-50-1	Sugar	4A
000063-42-3	D(+) Lactose	4A
000068-04-2	Sodium citrate	4A
000077-92-9	Citric acid	4A
000110-17-8	Fumaric acid	4A
000112-80-1	Oleic acid	4A
000127-09-3	Sodium acetate	4A
000144-55-8	Sodium bicarbonate	4A
000471-34-1	Calcium carbonate (no adhesives, not less than 1% [illegible])	4A
000546-93-0	Magnesium carbonate	4A

CAS No.	Formulant Names	List No.
000557-04-0	Magnesium stearate	4A
000557-05-1	Zinc stearate	4A
001002-89-7	Ammonium stearate	4A
001302-78-9	Bentonite	4A
001309-37-1	Iron oxide (Fe2O3)	4A
001309-48-4	Magnesium oxide	4A
001314-13-2	Zinc oxide	4A
001317-61-9	Iron oxide (Fe3O4)	4A
001317-65-3	Limestone (no asbestos and less than 1% crystalline silica)	4A
001318-00-9	Vermiculite (no asbestos and less than 1% crystalline silica)	4A
001318-93-0	Montmorillonite	4A
001327-43-1	Aluminum magnesium silicate	4A
001332-58-7	Kaolin (no asbestos and less than 1% crystalline silica)	4A
001335-30-4	Aluminum silicate, hydrated	4A
001343-88-0	Magnesium silicate	4A
001344-00-9	Silicic acid, aluminum sodium salt	4A
001344-95-2	Calcium silicate	4A
001592-23-0	Calcium stearate	4A
005949-29-1	Citric acid, monohydrate	4A
006132-04-3	Sodium citrate dihydrate	4A
006915-15-7	Malic acid	4A
007440-44-0	Carbon	4A
007447-40-7	Potassium chloride	4A
007487-88-9	Magnesium sulfate	4A
007631-86-9	Silicon dioxide (crystalline-free forms only)	4A
007647-14-5	Sodium chloride	4A
007704-34-9	Sulfur	4A
007727-37-9	Nitrogen	4A
007732-18-5	Water	4A
007757-82-6	Sodium sulfate	4A
007778-18-9	Calcium sulfate	4A
007778-80-5	Potassium sulfate	4A
007782-42-5	Graphite (no asbestos and less than 1% crystalline silica)	4A
008001-22-7	Soybean oil	4A
008001-25-0	Olive oil	4A
008001-26-1	Linseed oil (unboiled)	4A
008001-29-4	Cottonseed oil	4A
008001-30-7	Corn oil	4A
008001-31-8	Coconut oil	4A

CAS No.	Formulant Names	List No.
008001-78-3	Castor oil, hydrogenated	4A
008001-79-4	Castor oil	4A
008002-03-7	Peanut oil	4A
008002-43-5	Lecithins	4A
008002-48-0	Malt extract	4A
008002-74-2	Paraffin wax	4A
008006-54-0	Lanolin	4A
008007-69-0	Almond oil	4A
008012-89-3	Beeswax	4A
008030-76-0	Lecithins, soya	4A
008031-18-3	Fuller's earth	4A
008042-47-5	White mineral oil (petroleum)	4A
009000-07-1	Carrageenan	4A
009000-30-0	Guar gum	4A
009000-40-2	Carob gum (locust bean gum)	4A
009002-88-4	Polyethylene	4A
009004-32-4	Cellulose carboxymethyl ether, sodium salt	4A
009004-34-6	Cellulose	4A
009004-53-9	Dextrins	4A
009004-62-0	Cellulose, 2-hydroxyethyl ether	4A
009004-64-2	Cellulose, 2-hydroxypropyl ether	4A
009004-65-3	Cellulose, 2-hydroxypropyl methyl ester	4A
009004-67-5	Cellulose, methyl ether	4A
009005-25-8	Cornstarch	4A
009005-38-3	Sodium alginate	4A
009050-36-6	Maltodextrin	4A
011138-66-2	Xanthan gum	4A
012001-26-2	Mica group minerals (no asbestos and less than 1% crystalline silica)	4A
013397-24-5	Gypsum	4A
013397-26-7	Carbonic acid, calcium salt (calcite) (no asbestos and less than 1% crystalline silica)	4A
013983-17-0	Wollastonite (Ca(SiO3))	4A
016389-88-1	Dolomite (CaMg(CO3)2) (no asbestos and less than 1% crystalline silica)	4A
026499-65-0	Plaster of Paris	4A
031566-31-1	Glyceryl monostearate	4A
060676-86-0	Silica, vitreous	4A
060828-78-6	Polyoxyethylene 2,6,8-trimethyl-4-nonyl ether	4A
061790-53-2	Diatomaceous earth (less than 1% crystalline silica)	4A
063231-67-4	Silica gel	4A
068334-00-9	Hydrogenated cottonseed oil	4A

CAS No.	Formulant Names	List No.
068553-81-1	Rice bran oil	4A
093763-70-3	Perlite, expanded	4A
112926-00-8	Silica gel, pptd., cryst.-free	4A
112945-52-5	Silica, amorphous, fumed, cryst.-free	4A
120962-03-0	Canola oil	4A
	Alfalfa, ground	4A
	Animal by-products	4A
	Animal fats, 100% purity	4A
	Apple	4A
	Apple juice flavouring	4A
	Barley	4A
	Basil oil	4A
	Beef fat	4A
	Beef tallow	4A
	Bran	4A
	Bread crumbs	4A
	Canary seeds	4A
	Chicken broth	4A
	Coconut shell powder/flour	4A
	Collodial oatmeal protein	4A
	Cookie crumbs	4A
	Corn (in one of various forms such as cobs, meal, flour)	4A
	Douglas fir bark	4A
	Flavour, aniseed	4A
	Flavour, artificial butter	4A
	Flavour, artificial toasted rice	4A
	Glycerinated gelatin	4A
	Grain	4A
	Grain(s), mixed vegetable	4A
	Honey	4A
	Hydrolyzed animal protein	4A
	Knox unflavoured gelatin	4A
	Lard	4A
	Meat meal	4A
	Middllings	4A
	Millet seed	4A
	Milo (sorghum) seed/grain	4A
	Mint apple jelly	4A
	Molasses	4A

CAS No.	Formulant Names	List No.
	Oat protein	4A
	Onions (yellow, peeled, and crushed)	4A
	Peat moss	4A
	Poultry liver	4A
	Poultry meal	4A
	Rice (or rice meal)	4A
	Shortening	4A
	Silkworm pupae	4A
	Sorghum grits, refined grade1-876	4A
	Sunflower seeds	4A
	Super treat pig crave	4A
	Vegetable oil (hydrogenated)	4A
	Walnut shells	4A
	Wood bark (flour/powder)	4A
	Yeast	4A
	PMRA List 4B Formulants	
000057-55-6	Propylene glycol	4B
000064-17-5	Ethanol	4B
000064-19-7	Acetic acid	4B
000065-85-0	Benzoic acid	4B
000067-48-1	Choline chloride	4B
000067-63-0	Isopropyl alcohol	4B
000071-23-8	n-Propanol	4B
000071-36-3	1-Butanol	4B
000077-90-7	Acetyl tributyl citrate	4B
000079-09-4	Propionic acid	4B
000094-13-3	Propyl p-hydroxybenzoate	4B
000096-48-0	gamma-Butyrolactone	4B
000098-86-2	Acetophenone	4B
000099-76-3	Methyl p-hydroxybenzoate	4B
000102-76-1	Glyceryl triacetate	4B
000108-24-7	Acetic anhydride	4B
000110-44-1	Sorbic acid	4B
000111-20-6	Decanedioic acid	4B
000111-27-3	1-Hexanol	4B
000112-30-1	1-Decanol	4B
000112-62-9	Methyl oleate	4B
000115-10-6	Dimethyl ether	4B
000120-72-9	1H-Indole	4B

CAS No.	Formulant Names	List No.
	Oat protein	4A
	Onions (cured, [illegible], and crushed)	4A
	Peat moss	4A
	Poultry [illegible]	4A
	Poultry meal	4A
	Rice or rice [illegible]	4A
	[illegible]	4A
	Silkworm pupae	4A
	Soybean ground hull grade [illegible]	4A
	Soybean [illegible]	4A
	Sugar [illegible]	4A
	Vegetables [illegible]	4A
	Walnut shells	4A
	Wood flour [illegible]	4A
	Yeast	4A
	PMRA List 4B Formulants	
[illegible]	[illegible]	4B
00064-17-5	Ethanol	4B
00064-19-7	Acetic acid	4B
[illegible]	Benzoic acid	4B
[illegible]	[illegible]	4B
[illegible]	[illegible]	4B
00071-23-8	1-Propanol	4B
00071-36-3	1-Butanol	4B
[illegible]	[illegible]	4B
00079-09-4	Propionic acid	4B
00094-13-3	Propyl p-hydroxybenzoate	4B
00096-48-0	gamma-Butyrolactone	4B
00098-86-2	Acetophenone	4B
00099-76-3	Methyl p-hydroxybenzoate	4B
00102-76-1	Glyceryl triacetate	4B
00108-24-7	Acetic anhydride	4B
00110-44-1	Sorbic acid	4B
00111-20-6	Decanedioic acid	4B
00111-87-5	1-Octanol	4B
00112-30-1	1-Decanol	4B
00112-62-9	Methyl oleate	4B
00115-10-6	Dimethyl ether	4B
00120-72-9	1H-Indole	4B

CAS No.	Formulant Names	List No.
000121-75-5	Succinic acid, mercapto-, diethyl ester, S-ester with O,O-dimethylphosphorodithioate	4B
000124-07-2	Octanoic acid	4B
000141-78-6	Ethyl acetate	4B
000143-19-1	Sodium oleate	4B
000143-28-2	Oleyl alcohol	4B
000147-14-8	Copper phthalocyanine blue	4B
000497-19-8	Sodium carbonate	4B
000527-07-1	Gluconic acid, sodium salt	4B
000532-32-1	Sodium benzoate	4B
000533-96-0	Sodium sesquicarbonate	4B
000577-11-7	Sodium bis(2-ethylhexyl) sulfosuccinate	4B
000593-29-3	Potassium stearate	4B
000637-12-7	Aluminum stearate	4B
000811-97-2	1,1,1,2-Tetrafluoroethane	4B
000822-16-2	Sodium stearate	4B
000860-22-0	FD&C Blue No. 2	4B
001066-33-7	Ammonium bicarbonate	4B
001305-62-0	Calcium hydroxide	4B
001305-78-8	Calcium oxide	4B
001309-42-8	Magnesium hydroxide	4B
001310-58-3	Potasium hydroxide	4B
001310-73-2	Sodium hydroxide	4B
001328-53-6	C.I. Pigment Green 7	4B
001336-21-6	Ammonium hydroxide	4B
001338-41-6	Sorbitan monostearate	4B
001343-98-2	Silicic acid	4B
001344-09-8	Sodium silicate	4B
001344-28-1	Aluminum oxide	4B
002809-21-4	1-Hydroxyethylidene-1,1-diphosphonic acid	4B
003486-35-9	Zinc carbonate	4B
004075-81-4	Calcium propionate	4B
005989-27-5	d-Limonene	4B
006834-92-0	Silicic acid (H2SiO3), disodium salt	4B
007320-34-5	Tetrapotassium pyrophosphate	4B
007439-89-6	Iron (Fe)	4B
007558-79-4	Disodium phosphate	4B
007558-80-7	Sodium dihydrogen phosphate	4B
007601-54-9	Trisodium phosphate	4B
007631-99-4	Sodium nitrate	4B

CAS No.	Formulant Names	List No.
007647-01-0	Hydrogen chloride	4B
007647-15-6	Sodium bromide	4B
007664-38-2	Phosphoric acid	4B
007664-93-9	Sulfuric acid	4B
007681-38-1	Sodium bisulfate	4B
007705-08-0	Ferric chloride	4B
007722-76-1	Ammonium phosphate (monobasic)	4B
007722-88-5	Diphosphoric acid, tetrasodium salt	4B
007758-29-4	Sodium tripolyphosphate	4B
007758-87-4	Tricalcium phosphate	4B
007778-77-0	Potassium phosphate, monobasic	4B
007783-20-2	Ammonium sulfate	4B
007783-28-0	Diammonium phosphate	4B
007785-87-7	Manganese sulfate	4B
007786-30-3	Magnesium chloride	4B
008000-25-7	Oils, rosemary	4B
008000-46-2	Oils, geranium	4B
008001-26-1	Linseed oil (boiled)	4B
008002-09-3	Pine oil	4B
008002-33-3	Sulfated castor oil	4B
008008-57-9	Orange oil	4B
008008-79-5	Spearmint oil	4B
008009-03-8	Petrolatum	4B
008014-19-5	Oils, palmarosa	4B
008015-86-9	Carnauba wax	4B
008022-56-8	Oils, sage	4B
008028-89-5	Carmel	4B
008052-48-0	Sodium tallow soap	4B
008061-51-6	Lignosulfonic acid, sodium salt	4B
008061-52-7	Lignosulfonic acid, calcium salt	4B
009000-01-5	Gum arabic	4B
009000-70-8	Gelatin	4B
009000-71-9	Casein	4B
009002-86-2	Polyvinyl chloride resin	4B
009002-89-5	Polyvinyl alcohol	4B
009002-92-0	Polyoxyethylene dodecyl mono ether	4B
009003-01-4	Acrylic acid polymer	4B
009003-04-7	Acrylic acid polymer, sodium salt	4B
009003-05-8	Polyacrylamide	4B

CAS No.	Formulant Names	List No.
009003-07-0	Polypropylene	4B
009003-11-6	Polyoxyethylene-polyoxypropylene copolymer	4B
009003-18-3	2-Propenenitrile, polymer with 1,3-butadiene	4B
009003-20-7	Polyvinyl acetate	4B
009003-22-9	Vinyl chloride-vinyl acetate copolymer	4B
009003-39-8	Polyvinylpyrrolidone	4B
009003-53-6	Polystyrene resin	4B
009004-82-4	Dodecanol, ethoxylated, monoether with sulfuric acid, sodium salt	4B
009004-95-9	Polyoxyethylene monohexadecyl ether	4B
009004-96-0	Polyoxyethylene monoleate	4B
009004-98-2	Polyoxyethylene mono(cis-9-octadecenyl) ether	4B
009004-99-3	Polyoxyethylene monostearate	4B
009005-00-9	Polyoxyethylene monoocatdecyl ether	4B
009005-07-6	Polyoxyethylene dioleate	4B
009005-08-7	Polyoxyethylene distearate	4B
009005-37-2	Propylene glucol alginate	4B
009005-46-3	Sodium caseinate	4B
009005-64-5	Polyoxyethylene sorbitan monolaurate	4B
009005-65-6	Polyoxyethylene sorbitan monooleate	4B
009005-66-7	Polyoxyethylene sorbitan monopalmitate	4B
009005-67-8	Polyoxyethylene sorbitan monostearate	4B
009005-70-3	Polyoxyethylene sorbitan trioleate	4B
009005-71-4	Polyoxyethylene sorbitan tristearate	4B
009007-48-1	Polyglycerol ester of oleic acid	4B
009011-05-6	Urea-formaldehyde resin	4B
009011-16-9	Maleic anhydride - methylvinyl ether copolymer	4B
009014-85-1	Polyethylene glycol ether with 1,4-diisobutyl-1,4-dimethylbutynediol (2:1)	4B
009014-90-8	Nonylphenol, ethoxylated, monoether with sulfuric acid, sodium salt	4B
009014-92-0	Polyoxyethylene dodecylphenol	4B
009014-93-1	Polyoxyethylene dinonylphenol	4B
009016-45-9	Polyoxyethylene nonylphenol	4B
009036-19-5	Polyoxyethylene (1,1,3,3-tretramethylbutyl)phenyl ether	4B
009038-95-3	Polyethylene-polypropylene glycol, monobutyl ether	4B
009041-33-2	Oxirane, methyl-,polymer with oxirane, mono-2-propenyl ether	4B
009081-17-8	Nonylphenol, ethoxylated, monoether with sulfuric acid	4B
009084-06-4	Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt	4B
010028-22-5	Ferric sulfate	4B
010043-01-3	Aluminum sulfate	4B
010043-52-4	Calcium chloride	4B

CAS No.	Formulant Names	List No.
010124-56-8	Sodium hexametaphosphate	4B
010213-79-3	Silicic acid, disodium salt, pentahydrate	4B
010377-60-3	Magnesium nitrate	4B
012124-97-9	Ammonium bromide	4B
012125-02-9	Ammonium chloride	4B
012173-47-6	Hectorite	4B
012174-11-7	Attapulgite	4B
012199-37-0	Smectite-group minerals	4B
012269-78-2	Pyrophyllite	4B
013463-67-7	Titanium dioxide	4B
014464-46-1	Cristobalite	4B
014807-96-6	Talc (no asbestos and less than 1% crystalline silica)	4B
020344-49-4	Iron hydroxide oxide (Fe(OH)O)	4B
021645-51-2	Aluminum hydroxide	4B
024634-61-5	Potassium sorbate	4B
025067-01-0	Vinyl acetate, polymer with n-butyl acrylate	4B
025086-89-9	Polyvinylpyrrolidone-vinyl acetate copolymer	4B
025212-88-8	Ethyl acrylate-methacrylic acid copolymer	4B
025213-24-5	Vinyl alcohol-vinyl acetate copolymer	4B
025231-21-4	Polyoxypropylene monostearyl ether	4B
025322-68-3	Polyethylene glycol	4B
025322-69-4	Polypropylene glycol	4B
025956-17-6	FD&C Red No. 40	4B
026027-38-3	p-Nonylphenol, ethoxylated	4B
026873-77-8	2-Ethylhexyl 2-propenoate and 2-propene	4B
027274-31-3	Poly(oxy-1,2-ethanediyl), .alpha.-2-propenyl-.omega.-hydroxy-	4B
028211-18-9	2-Pyrrolidinone, 1-ethenyl-, polymer with 1-eicosene	4B
028430-58-2	Vinyl acetate, polymer with methyl acrylate and methyl methacrylate	4B
036653-82-4	Cetyl alcohol	4B
037199-81-8	Maleic anhydride, polymer with 2,4,4-trimethylpentene, sodium salt	4B
037280-82-3	Polyoxyethylene polyoxypropylene phosphate	4B
037764-25-3	N,N-Diallyl-2,3-dichloroacetamide	4B
041928-09-0	Polyethylene glycol ether with 2,2'-methylenebis(4-(tert-octyl)phenol) (2:1)	4B
051811-79-1	4-Nonylphenol, ethoxylated, phosphate ester	4B
061788-60-1	Methyl esters of cottonseed oil	4B
061790-38-3	Fatty acids, tallow, hydrogenated	4B
061790-93-0	Fatty acids, tall-oil, tetraesters with sorbitol, ethoxylated	4B
061791-12-6	Castor oil, ethoxylated	4B
063148-62-9	Silicones and siloxanes, dimethyl	4B

CAS No.	Formulant Names	List No.
067674-67-3	Poly(oxy-1,2-ethanediyl),.alpha.-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl] proply]-omega-hydroxy-	4B
067701-08-0	Fatty acids, C16-18 and C18-unsaturated.	4B
067746-08-1	Linseed oil, polymerized	4B
067762-38-3	Fatty acids, C16-18 & C-18-unsaturated, Me esters	4B
067762-90-7	Dimethyl silicone polymer with silica	4B
068038-31-3	Fatty acids, tall-oil, polymers with pentaerythritol, phthalic anhydride and rosin	4B
068187-76-8	Castor oil, sulfated, sodium salt	4B
068201-51-4	Oils, menhaden, oxidized	4B
068441-17-8	Oxidized polyethylene	4B
068551-13-3	Alcohols, C12-15, ethoxylated propoxylated	4B
068605-57-2	Fatty acids, tall-oil, polymers with bisphenol A, epichlorohydrin, rosin and tung oil	4B
068611-44-9	Silane, dichlorodimethyl-, reaction products with silica	4B
068890-80-2	Benzene, ethenyl-, polymer with 2,5-furandione, 2-butoxyethyl ester, ammonium salt	4B
068909-20-6	Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	4B
068920-66-1	Alcohols, C16-18 and C18-unsaturated, ethoxylated	4B
068937-55-3	Siloxanes and silicones, di-Me, 3-hydroxypropyl Me, ethoxylated propoxylated	4B
069227-21-0	Alcohols, C12-C18, ethoxylated propoxylated	4B
073038-25-2	Poly(oxy-1,2-ethanediyl), alpha-isotridecyl-omega-hydroxy-, phosphate	4B
078226-09-8	Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-1-, monosodium salt, polymer with 2-propenoic acid	4B
078330-24-2	Poly(oxy-1,2-ethanediyl),.alpha.-hydro-.omega.-hydroxy-, mono-C11-14-isoalkyl ethers, C13-rich, phosphates	4B
099607-70-2	Acetic acid, [(5-chloro-8-quindinyl)oxy]-, 1-methylhexyl ester (9Cl)	4B
099734-09-5	Polyethylene glycol mono(tristyrylphenyl) ether	4B
105362-40-1	Triethanolamine, compound with poly(oxyethylene) tristyrylphenyl ether phosphate	4B
108419-34-7	Acetic acid, C9-C11-branched alkyl esters, C10-rich	4B
127036-24-2	Poly(oxy-1,2-ethanediyl),.alpha.-undecyl-.omega.-hydroxy-, branched and linear	4B
134180-76-0	Oxirane, methyl-, polymer with oxirane, mono[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl] ether	4B
	Cheese	4B
	Fish meal	4B
	Flavour, bacon and cheese	4B
	Flavour, cheese	4B
	Food starch, modified	4B
	Gum powder	4B
	Insect parts, milled	4B
	Ivory Snow	4B
	Milk (raw and processed forms)	4B
	Peanut butter	4B

CAS No.	Formulant Names	List No.
	Potato starch/flour	4B
	Shorts	4B
	Soybeans	4B
	Wheat (in various forms)	4B
	Whey	4B